

AIR MINISTRY.

METEOROLOGICAL OFFICE.

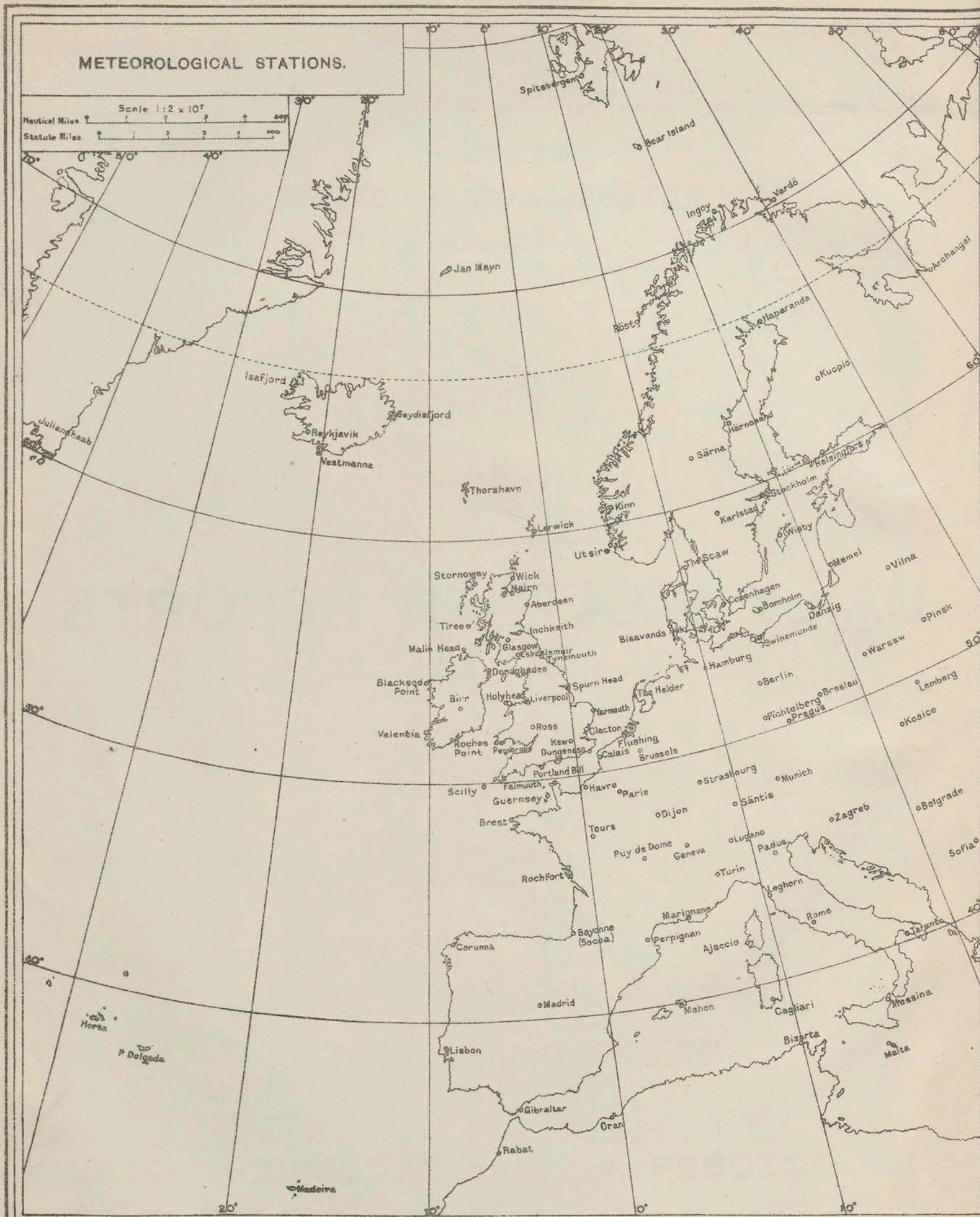
LONDON.

DAILY WEATHER REPORTS

1ST OCTOBER TO 31ST DECEMBER, 1928.

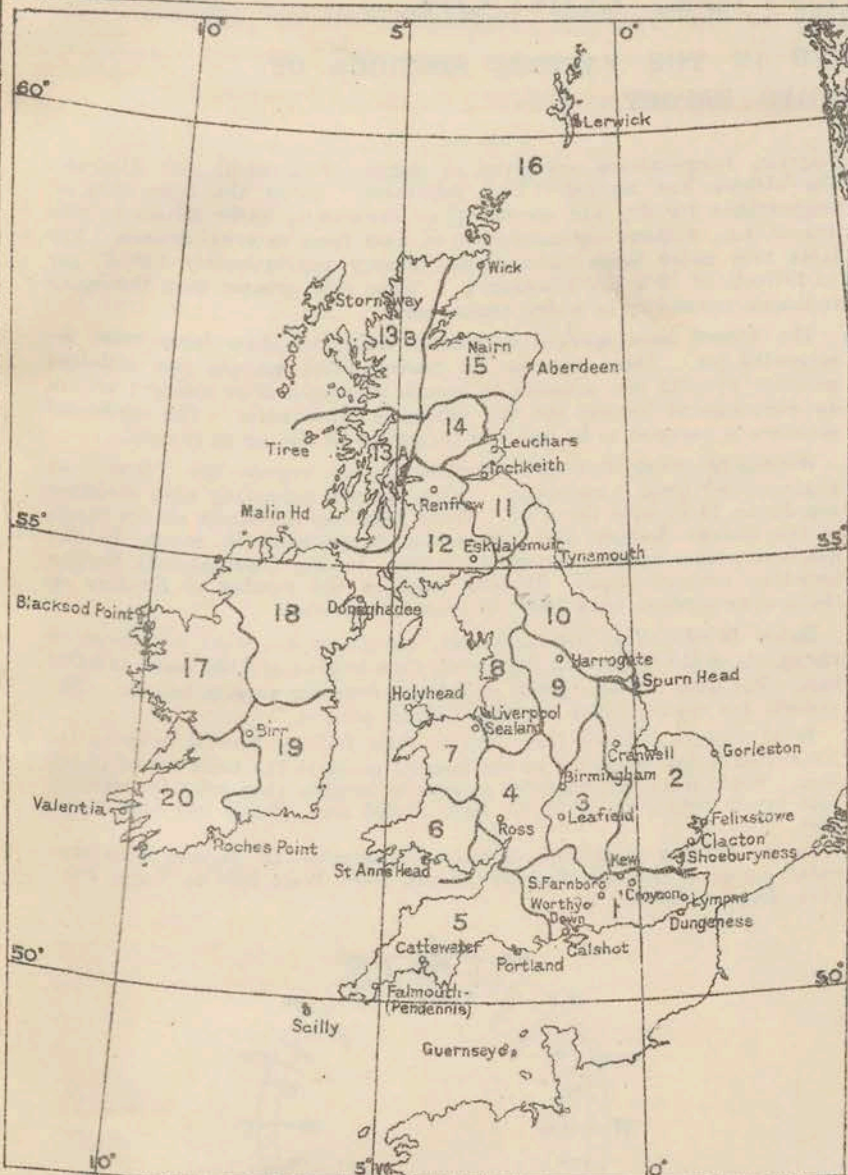
METEOROLOGICAL STATIONS.

Scale 1:2 x 10⁷
Nautical Miles 1 2 3 4 5
Statute Miles 1 2 3 4 5



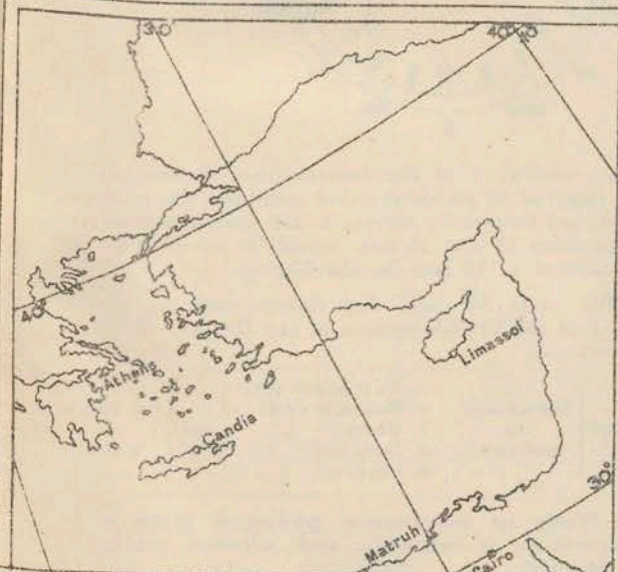
FORECAST DISTRICTS AND BRITISH STATIONS

STATIONS USED FOR UPPER AIR SUPPLEMENT.



FORECAST DISTRICTS

1. *England, S.E.*
Kent.
Sussex.
Surrey.
Hampshire.
Berkshire.
Wiltshire.
2. *England, E.*
Essex.
Middlesex.
Hertford.
Bedford.
Huntingdon.
Cambridge.
Suffolk.
Norfolk.
Lincoln.
3. *Midlands, E.*
Buckingham.
Oxford.
Northampton.
Warwick.
Leicester.
Rutland.
Nottingham.
4. *Midlands, W.*
Gloucester.
Hereford.
Worcester.
Shropshire.
Stafford.
5. *England, S.W.*
Dorset.
Somerset.
Monmouth.
Devon.
Cornwall.
6. *Wales, S.*
Glamorgan.
Brecknock.
Carmarthen.
Pembroke.
Cardigan.
Radnor.
7. *Wales, N.*
Montgomery.
Merioneth.
Flint.
Denbigh.
Carnarvon.
Anglesey.
8. *England, N.W.*
Cheshire.
Lancashire.
Westmorland.
Cumberland.
9. *Midlands, N.*
Derby.
Yorkshire, W.
10. *England, N.E.*
Yorkshire, N. & E.
Durham.
Northumberland.
11. *Scotland, S.E.*
Roxburgh.
Selkirk.
Peebles.
Berwick.
Haddington.
Edinburgh.
Linlithgow.
Clackmannan.
Kinross.
Fife.
Forfar.
12. *Scotland, S.W., and Isle of Man.*
Isle of Man.
Dumfries.
Kirkcudbright.
Wigtown.
Ayr.
Lanark.
Renfrew.
Dumbarton.
Stirling.
- 13A. *Scotland, W.*
Argyll.
Butte.
- 13B. *Scotland, N.W.*
Hebrides.
Western parts of Inverness, Ross and Cromarty, Sutherland.
(Boundary line runs from Rannoch Station through Fort Augustus, Beaulieu and Lairg to Melville).
14. *Mid. Scotland.*
Perth.
15. *Scotland, N.E.*
Kincardine.
Aberdeen.
Banff.
Elgin.
Nairn.
Caithness.
Eastern parts of Inverness, Ross, Sutherland.
16. *Orkneys and Shetlands.*
17. *Ireland, N.W.*
Galway.
Roscommon.
Mayo.
Sligo.
Leitrim.
18. *Ireland, N.E.*
Meath.
West Meath.
Longford.
Cavan.
Fermanagh.
Monaghan.
Louth.
Armagh.
Down.
Antrim.
Londonderry.
Tyrone.
Donegal.
19. *Ireland, S.E.*
Waterford.
Wexford.
Kilkenny.
Carlow.
Wicklow.
Offaly.
Leix.
Kildare.
Dublin.
20. *Ireland, S.W.*
Cork.
Kerry.
Limerick.
Tipperary.
Clare.



BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy.
d drizzle.
e wet air. h hail. KQ line squall.
l lightning.
m mist, visibility 1000-10000 m.
f fog, " 200-1000 m.
F thick fog " less than 200 m.
g gloomy.
p passing showers.
r rain. s snow. rs sleet. t thunder.
u ugly, threatening.
v unusual visibility.
w dew. x hoar frost.
y dry air. z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus: -bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail".
Capital letters indicate intensity, suffix o indicates slight; and repetition of letters continuity, thus: -
R = heavy rain.
rr = continuous moderate rain.
roo = continuous light rain.

AIR MINISTRY.

METEOROLOGICAL OFFICE, LONDON.

NOTES ON THE INFORMATION CONTAINED IN THE VARIOUS SECTIONS OF THE DAILY WEATHER REPORT.

Stations.—*Aberdeen.* A new site was brought into use for the thermometers and rain gauge from 1st June, 1928. This site is about 170 yards north-east of the old position and gives a more open exposure, the instruments being surrounded on most sides by open fields, whereas in the old site there were buildings to the south, west and north.

S. Farnborough. The instrument enclosure was moved on June 27th to a more open site 65 yards to the north north-west of the old position. The old enclosure was somewhat sheltered by a 6 foot corrugated iron fence on one side and also by shrubs, and had become unsatisfactory, particularly for temperature readings.

The height above M.S.L. of the new raingauge site is 237 feet which is 1 foot below that of the former site. The height of the latter given as 230 feet in the Daily Weather Report from July, 1923 to September, 1928, was in error.

Valentia. The observations at 1 a.m. are taken at the Post Office Wireless Station on Valentia Island. Those at all other hours at the Observatory near Cahirciveen on the mainland.

Guernsey. The observations at 7h., 13h., and 18h. are taken at Fort George, the station being situated at 295 feet above M.S.L. on the high ground to the south of St. Peter Port and outside the town. The observations at 1h. together with the sunshine readings are taken at the station of the States Meteorological Service which is situated in St. Peter Port at 173 feet above M.S.L.

Heights of Stations.—The heights of British Stations above M.S.L. published in the British Section of the Daily Weather Report refer to the plot of ground on which the rain gauge is situated.

Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section.

The wind at a height of 1,500–2,000 feet above ground usually blows along the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart in the Daily Weather Report the speed of the upper wind is about 12 m.p.h. in latitude 55°, with a temperature of 50° F. and a pressure of 1.015 mb; if, however, the isobars are $\frac{1}{2}$ inch apart the corresponding speed is 24 m.p.h.

The scale below can be used with both the International and the British Sections. If the distance between consecutive isobars is measured along the rule from the left-hand extremity the geostrophic wind is shown by the scale in miles per hour.

GEOSTROPHIC WIND SCALE FOR

4 mb isobars on 1 : 2 × 10⁷ Charts.
or 2 mb " " 1 : 10⁷ "
or 1 mb " " 1 : 5 × 10⁶ "



Miles per hour.

This scale applies under the following conditions:—

Pressure, 1.015 mb. Temperature, 50° F. Latitude, 55°.

Corrections.—For an increase of 10 mb pressure, subtract 1% from velocity; for an increase of 10° F. add 2%. From Latitude 55° to Latitude 65° subtract 1% for each degree above 55°. From Latitude 55° to Latitude 45° add 1½% for each degree below 55°.

Temperature.—Temperature is specified in degrees Fahrenheit, and is shown on the charts by means of figures written alongside the circles which indicate the positions of the stations.

Relative Humidity.—From January 1st 1926, relative humidity at British stations has been calculated from the following hygrometric formulae:

$$x = f - .444 (t - t') \text{ for wet bulb readings above } 32^\circ \text{ F.}$$

$$x = f - .400 (t - t') \text{ for wet bulb readings below } 32^\circ \text{ F}$$

where x is the vapour pressure in mb.;

f the saturation vapour pressure at the temperature of the wet bulb;

t the dry bulb temperature; and

t' " wet "

The use of Glaisher's tables has been discontinued.

The tables used for calculating humidities from the readings of the dry and wet bulb thermometers on aeroplanes, are based on a formula similar to the above, but allowance is made for the variation of barometric pressure with height and for the increased ventilation of the thermometers.

Upper Air Temperature.—The British observations are made normally, one at 1,000 feet above the level of the aerodrome, and the remainder at pressures of 950, 900, 850, 800, etc., millibars. Heights are then computed and, apart from instrumental error, are correct heights: they do not require modification for differences of temperature from normal as these are allowed for in the computation. The values are shown graphically and in tabular form in the Upper Air Supplement. On the

diagram, temperatures are given in degrees Fahrenheit and Absolute. The oblique line marked "Dry Adiabatic" shows the lapse rate of temperature for dry air ascending or descending under adiabatic conditions, i.e., without communication of heat from external sources. The lapse rate under these circumstances is very approximately 5.5° F. per 1,000 feet, or 10°a per kilometre. A lapse rate greater than this value indicates instability in a dry atmosphere.

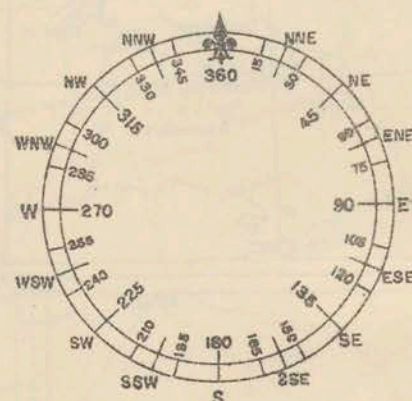
The broken lines marked Saturated Adiabatic show lapse rates for saturated air. These are for air masses which contain just sufficient moisture at 1,015 mb. pressure to become saturated after rising 1 km. in an environment having the dry adiabatic lapse rate. The condensed moisture is assumed to be retained thereafter in the air as it rises.

Wind.—All wind directions specified in the reports are "true," as distinguished from "magnetic." The arrows indicating wind direction are drawn to fly with the wind. Wind velocities are shown on the charts of the British Section and Upper Air Supplement in m.p.h. by the numbers placed within the small circles. In the International Section velocities are not shown. In both Sections the number of feathers on the arrows denotes wind force by Beaufort number.

Upper Winds.—The direction and velocity of the wind are given in the charts of the Upper Air Supplement for heights of 2,000 feet and 6,000 feet. The data are also given in tabular form for various heights. The reports are usually based on Pilot Balloon ascents.

Wind reports deduced from British Pilot Balloon Ascents refer to the 1,000 feet layers centering at the heights given in the table up to 16,000 feet. When winds are reported at greater heights, they refer to the 5,000 feet layers centering at 20,000 feet, 25,000 feet, 30,000 feet and 35,000 feet.

In the tabular statement direction is specified in degrees from true north measured through East 90°, South 180°, West 270° to North 360°. (See diagram below.)



Rainfall.—At Stations marked † in the International Section of the Report, the rainfall is received in an abbreviated code and the measurement entered is therefore not necessarily correct to the nearest millimetre. For example any fall between 11 and 15 mm. would be reported by the same code figure and entered as 13 mm. in the Report.

Sea Disturbance.—The code for sea disturbance used at coastal stations is given on p. 1 of the British Section of the Report. Ships at sea use the following code:—

0. No or slight swell	} and {	Sea smooth to moderate.	5. No or slight swell	} and {	Sea rough or above.
1. Moderate swell			6. Moderate swell		
2. Heavy "			7. Heavy "		
3. Long low "			8. Long low "		
4. Confused "			9. Confused "		

Adjusted Readings.—Where an instrumental reading is found to be in error and some adjustment is necessary, such adjusted reading is published in brackets thus (59).

The entries in the British Section of the Report for the stations in the main tables on pages 1, 2, and 4 are compared with those in the returns received from the stations at the end of the month and errors in the Report so found are noted in the monthly correction sheets.

The reports from the London Stations on page 1 and from the Health Resorts on page 4 are not subjected to the same close scrutiny but if any errors are found these are also noted in the correction sheets.

Times of Sunrise, Noon and Sunset.—From January 1st, 1926, the times of Sunrise, Noon and Sunset published in the British Section of the Report for certain stations have been recalculated from (1) the figures for the duration of sunshine contained in the International Meteorological Tables and (2) the value of the sun's declination and the equation of time published in the Nautical Almanac. The change of declination of the sun on the same day from year to year over a cycle of four years is now taken into account. This change was formerly neglected.

SUPPLEMENT TO THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.
SUMMARY OF METEOROLOGICAL OBSERVATIONS AT SELECTED STATIONS ISSUED ON THE 1st DAY OF EACH MONTH.

Notes on the Weather of DECEMBER, 1928.

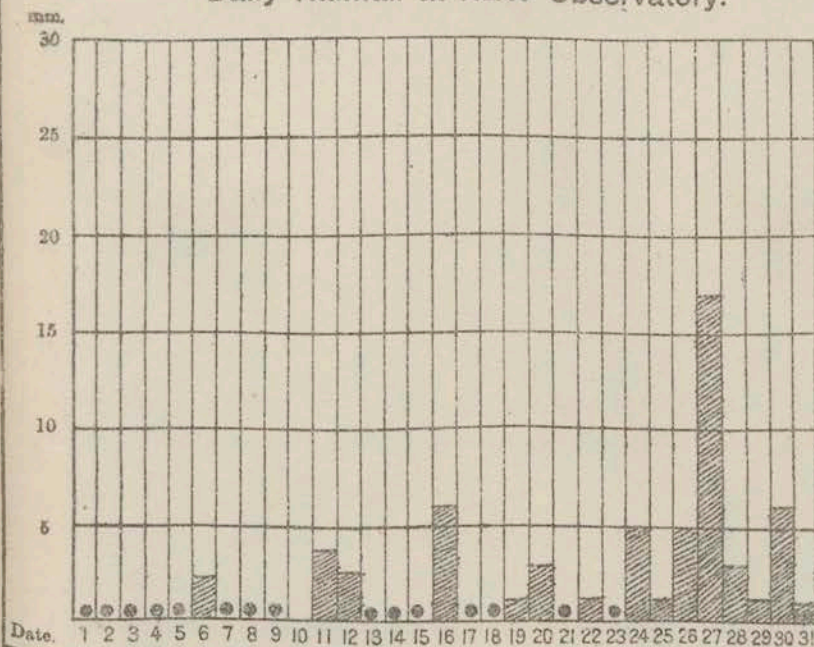
An anticyclone off our southwest coasts moved slowly eastwards and maintained mainly fair weather over the greater part of England until the 6th, when a depression passing eastward across the north of Scotland with a trough extending southward, caused rain generally, although it was only slight in many places. In the rear of this depression the northerly winds were cold and the weather bright with wintry showers in the north and west. Sunshine records were exceedingly good in the eastern half of the country on the 7th, some stations recording 7 hours or more, while 6.1 hours at Kew Observatory is the sunniest December day there since 1881. Subsequently temperature was low and some very severe frost occurred, screen minima of 21°F. and 22°F. being recorded at Eskdalemuir and Lympne respectively on the 9th. Skating was enjoyed in London round about this period and showers of sleet and snow occurred locally. Day temperature failed to reach 32°F. in places on the 15th. Meanwhile some heavy rain was registered at times in Ireland and Southwest England, 48 mm. at Falmouth on the 10th, and 38 mm. at Blacksod Point on the 9th, being among the heaviest falls. Gales occurred off the southwest coasts on the night of the 9th.-10th.

On the 16th, a trough of low pressure crossed the country causing rain generally and heavy rain locally. This was followed by another very bright day in most places. For a few days conditions over England were mainly anticyclonic, apart from a trough which crossed on the 20th, and much fog was experienced particularly on the 18th, 19th, and 21st.

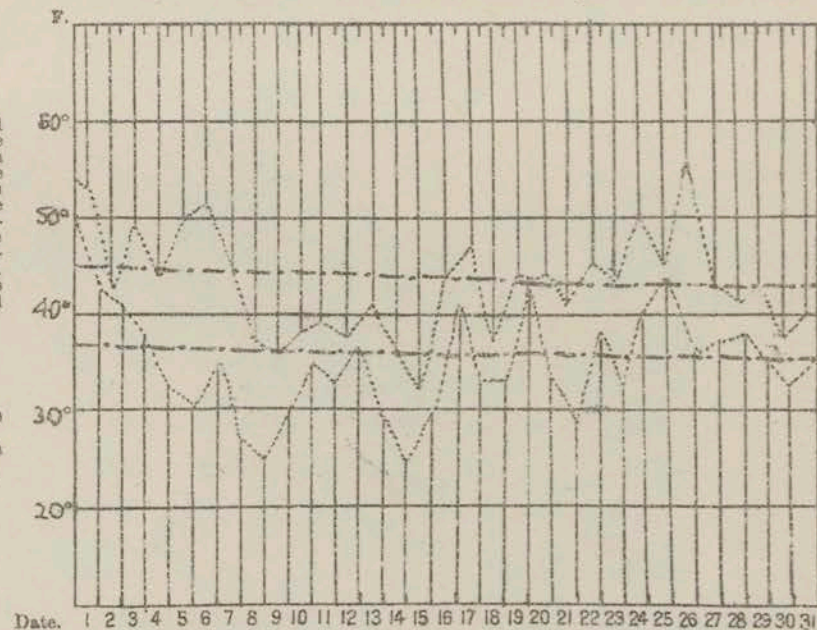
From the 22nd to 27th, depressions passed northeast across Iceland and associated troughs crossed the British Isles giving unsettled weather with strong winds, local gales and occasional heavy rain. Temperature was also rather higher.

During the last few days a belt of low pressure extended across Ireland and England and a separate centre developed and deepened over Eastern England. Snow fell in many parts and lay in some places. At Cranwell snow was reported to be lying to a depth of 4 inches on the 30th.

Daily Rainfall at KEW Observatory.



Daily Range of Temperature at KEW Observatory.



MEAN VALUES FOR THE MONTH.*

	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Aberdeen	mb. 1013.0	+ 6.1	°F. 38.8	+ 0.2
Valentia	1015.7	+ 5.0	45.5	- 0.1
Kew	1017.6	+ 3.9	39.1	- 1.3

* Pressure—mean for the 24 hours.

Temperature—mean of Max. and Min.

WIND FREQUENCIES AT 7h.

Aberdeen	Valentia	Kew

Forces 1-3 — : forces 4-7 — : force 8 or above —. Scale : 10 mm. to 10 observations.

The figure in the centre of the circle gives the number of calms.

SUMMARY OF RECORDS OF TEMPERATURE, SUNSHINE, RAIN

	TEMPERATURE.														LOW CLOUD.														
	Number of daily readings within fixed limits.								Extremes—Warmest and Coldest.						Number of Ground Frosts.	Number of observations within fixed limits.													
									Days.				Nights.			7H.	13H.		18H.										
	† Maximum.				Normal Max.	† Minimum.				Normal Min.	Highest Max.		Lowest Min.			Below 1,000 ft.	Below 1,000 ft.		Below 1,000 ft.										
32 or below	33	41	50	22 or below		24	32	41	50		59	Highest Max.	Date.	Lowest Max.	Date.		Highest Min.	Date.	Lowest Min.	Date.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.						
					°F.					°F.	°F.	°F.	°F.	°F.															
Stornoway ...	0	10	20	1	44.4	0	3	20	8	0	35.4	51	4	36	7	46	1	28	15	*	0	31	0	1	28	0	0	29	0
Aberdeen ...	0	15	15	1	42.9	0	10	19	2	0	34.0	52	24	34	7	48	1	29	9	16	0	24	0	1	25	0	2	20	0
Edinburgh ... (Inchkeith)	0	12	18	1	*	0	2	24	5	0	*	51	24	37	15	48	1	31	11	7	12	17	0	11	20	0	12	19	0
Renfrew ...	0	15	14	2	*	1	13	14	3	0	*	52	24	35	15	48	1	21	15	16	1	24	2	0	24	3	0	23	0
Eskdalemuir ...	1	23	6	1	*	7	10	12	2	0	*	51	1	32	15	47	1	21	13	17	10	18	0	9	17	0	8	18	0
Dublin ... (Phoenix Park)	0	4	22	5	46.5	0	11	13	1	0	35.2	57	16	40	30.3	44	1	27	17	13	*	*	*	*	*	*	*	*	*
Birr Castle ...	0	7	20	4	46.1	1	7	15	8	0	35.0	53	16	38	30.2	49	1	23	9	16	9	21	0	4	26	0	11	20	0
Valentia ... (Cahiriveen)	0	1	19	11	49.3	0	1	13	15	2	41.1	55	16	33	31	52	24	32	11	1	10	21	0	9	22	0	9	22	0
Tynemouth ...	0	13	16	2	44.3	0	6	23	2	0	34.7	53	24	35	15	48	1	23	9	15	6	25	0	6	25	0	7	23	0
Holyhead ...	0	2	25	4	46.9	0	1	15	15	0	33.9	52	16	40	11	50	1	31	15	1	1	26	0	4	25	1	0	28	1
Liverpool ... (Bidston)	1	14	15	1	44.8	0	5	22	4	0	36.8	52	24	31	15	48	1	25	15	9	1	25	1	1	25	0	5	22	1
Cranwell ...	1	16	12	2	*	0	12	19	0	0	*	51	16	32	15	41	1	25	9	15	3	19	1	6	15	2	3	20	0
Gorleston ...	0	10	19	2	43.6	0	7	21	3	0	35.2	55	16	37	8	48	1	25	9	7	6	14	3	7	14	3	7	14	0
Ross-on-Wye ...	1	14	14	2	45.1	0	11	16	4	0	34.9	55	1	29	15	50	1	24	9	20	4	22	0	4	21	0	6	18	0
Leafield ...	1	17	11	2	*	1	15	13	2	0	*	57	1	28	15	47	1	23	15	19	9	17	0	6	13	2	7	13	3
London ... (Kew Obs.)	1	12	15	3	44.7	0	8	19	4	0	35.9	55	26	32	15	50	1	25	15	17	6	24	0	12	12	0	10	11	0
Croydon ...	1	12	14	4	*	1	8	18	4	0	*	55	26	30	15	48	1	23	15	12	11	15	0	14	11	0	15	10	0
Shoeburyness ...	0	12	16	3	44.9	0	12	18	1	0	35.9	54	26	37	10	47	1	24	9	15	3	13	0	2	17	0	3	17	1
Lympne ...	0	14	16	1	*	1	10	17	3	0	*	51	26	35	15	46	1	22	9	14	9	16	0	15	8	1	14	7	0
Southampton ... (Calshot)	1	11	15	4	*	0	5	23	3	0	*	53	16	31	15	50	1	25	15	15	7	18	1	10	15	1	7	20	1
Falmouth ... (Pendennis)	0	0	18	13	*	0	1	9	20	1	*	54	16	42	31	51	26	32	31	*	0	31	0	0	31	0	0	31	0

UPPER AIR TEMPERATURE.

UPPER WINDS.

(No. of records of Velocity (m.p.h.) within fixed limits.)

Pressure.	Normal Height.	Normal Temperature	DUXFORD.		S.FARNBOROUGH.		ALDERGROVE.		STATION.	RENFREW.						CATTEWATER.						LYMPNE.						
			Mean.	No. of Reports.	Mean.	No. of Reports.	Mean.	No. of Reports.		Height. Feet.	No. of Obs.	Under 10 m.p.h.	10-25 m.p.h.	25-45 m.p.h.	45-75 m.p.h.	Above 75 m.p.h.	No. of Obs.	Under 10 m.p.h.	10-25 m.p.h.	25-45 m.p.h.	45-75 m.p.h.	Above 75 m.p.h.	No. of Obs.	Under 10 m.p.h.	10-25 m.p.h.	25-45 m.p.h.	45-75 m.p.h.	Above 75 m.p.h.
mb.	feet.	°F.	°F.		°F.		°F.		2,000	49	1	25	19	4	-	44	11	22	10	1	-	42	5	19	16	2	-	
950	1730	35	38	5	36	7	36	1	6,000	33	1	13	14	5	-	13	2	8	3	-	-	16	3	8	5	-	-	
850	4640	29	29	5	27	5	23	1	10,000	21	-	8	8	5	-	2	-	1	1	-	-	5	-	4	1	-	-	
750	7870	21	19	5	18	3	-	-	15,000	7	-	-	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
650	11,450	9	6	5	-2	1	-	-																				
550	15,620	-4	-8	5	-23	1	-	-																				

* The readings used are, except in the case of Phoenix Park, the maximum for the period 7h.-18h. and the minimum for the period 18h.-7h. The normal values given above are based on extremes taken over the 24 hours.

RAINFALL, HUMIDITY AND LOW CLOUD, ... DECEMBER, ..., 1928.

	SUNSHINE.												RAINFALL.												Days with Thunder.	Days with Snow or Sleet.
	Number of Days with duration.					Maximum Duration.		Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Number of days with amount.†						Maximum fall in 24 hrs.		Total for past 12 months.	Difference from Average.	Total for Month ‡	Difference from Average.			
	Nil.	0.1-3h.	3.1-6h.	6.1-9h.	Above 9h.	Hours.	Data.					0, trace or 0.1 mm.	0.2-1 mm.	1.1-5 mm.	5.1-15 mm.	15.1-25 mm.	Above 25 mm.	mm.	Data.							
								hours.	hours.	hours.	hours.							mm.	mm.	mm.	mm.					
Stornoway ...	16	14	1	0	0	3.7	14	1245	-10	22	-1	6	4	11	10	0	0	15	9	1337	+71	141	-18	0	1	
Aberdeen ...	12	12	7	0	0	5.9	5	1227	-160	43	+7	9	11	7	3	1	0	20	16	815	+67	71	-11	0	8	
Edinburgh ... (Inchkeith)	14	11	4	2	0	6.1	17	1415	*	42	*	16	6	6	3	0	0	12	16	666	+112	49	+14	0	4	
Renfrew ...	16	10	3	2	0	6.2	8	1169	*	38	*	13	3	7	7	1	0	22	25	1306	+381	114	+3	0	6	
Eskdalemuir ...	15	8	7	1	0	6.2	8	1144	*	43	*	12	2	9	5	1	2	31	16	2222	+793	150	-28	0	11	
Dublin ... (Phoenix Park)	16	9	6	0	0	5.8	8	1526	+19	40	-8	9	6	13	3	0	0	11	15	792	+87	64	-1	0	*	
Birr Castle ...	12	12	7	0	0	4.8	5	1406	+63	38	-5	10	7	10	3	0	1	31	15	1016	+187	30	+6	0	1	
Valentia ... (Gahirciveen)	11	17	3	0	0	5.8	31	1406	-39	32	-9	2	6	12	7	3	1	26	15	1780	+366	176	+7	0	0	
Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	13	10	5	3	0	0	6	14 30	640	+19	36	-19	0	3	
Holyhead ...	17	10	2	2	0	6.6	14	1586	*	38	*	10	4	10	6	1	0	19	29	1033	+145	100	-6	0	2	
Liverpool ... (Bidston)	14	13	4	0	0	5.4	8	1440	-16	33	-10	14	4	10	3	0	0	8	15	740	+31	50	-17	0	3	
Cranwell ...	11	12	8	0	0	5.4	17	1588	*	44	*	16	5	9	0	1	0	19	30	581	-8	46	-10	0	4	
Gorleston ...	14	11	6	0	0	6.0	9	1733	*	53	*	10	8	10	2	1	0	24	30	520	-32	73	+11	0	1	
Ross-on-Wye ...	12	11	5	3	0	6.9	8	1519	*	53	*	14	7	6	4	0	0	12	11	741	+23	59	-17	0	4	
Leaffield ...	14	10	5	2	0	6.8	8	1593	*	48	*	11	6	10	4	0	0	13	27	732	+38	60	-9	0	5	
London ... (Kew Obsy.)	18	6	5	2	0	6.7	7	1649	+174	47	+10	16	1	11	2	1	0	17	27	640	+34	60	+2	0	1	
Croydon ...	21	4	4	2	0	6.9	7	1661	*	35	*	13	4	10	3	1	0	17	27	758	+79	70	+1	0	2	
Shoeburyness ...	14	6	11	0	0	5.8	7	1858	*	58	*	15	3	7	4	2	0	19	27	565	+85	82	+38	0	2	
Lympne ...	17	3	10	1	0	7.2	7	1900	*	54	*	11	5	10	5	0	0	9	29	799	+75	68	-14	0	6	
Southampton ... (Calshot)	12	9	6	4	0	6.8	8	1858	*	63	*	12	7	9	2	1	0	25	27	731	+85	64	-10	0	1	
Falmouth ... Observatory	10	15	6	0	0	5.9	17	1733	-26	43	-12	6	6	1	6	0	2	48	10	1252	+145	171	+12	2	0	

MINIMUM SURFACE HUMIDITY.										STATE OF GROUND AT 13 h.											
No. of Days (MDT. TO MDT.) WITH MINIMA BETWEEN FIXED LIMITS.										No. of Days Each Type WAS RECORDED.											
Station.	95-100 %.	90-94 %.	80-89 %.	70-79 %.	60-69 %.	50-59 %.	40-49 %.	30-39 %.	20-29 %.	Station.	0	1	2	3	4	5	6	7	8	9	
Aberdeen ...	0	0	4	8	12	7	0	0	0	Aberdeen ...	0	19	8	2	0	0	0	2	0	0	0=Dry ground.
Renfrew... ..	0	3	2	13	11	2	0	0	0	Renfrew... ..	0	6	17	1	0	0	2	3	0	2	1=Wet ground.
Eskdalemuir ...	0	4	3	13	11	0	0	0	0	Eskdalemuir ...	0	0	17	3	0	0	0	5	0	0	2=Soft (muddy) wet ground.
Valentia... ..	0	2	4	9	8	7	1	0	0	Valentia... ..	1	2	26	0	0	0	0	0	0	0	3=Bare ground frozen (but less than 2 ins. deep).
Ross on Wye ...	1	1	9	9	5	6	0	0	0	Ross on Wye ...	0	7	22	2	0	0	0	0	0	0	4=Bare ground frozen (but more than 2 ins. deep).
London	0	6	9	10	6	0	0	0	0	London	0	9	17	4	0	0	1	0	0	0	5=Dew (or wet grass but not wet ground).
(Kew Obey.)...										(Kew Obey.)...	*	*	*	*	*	*	*	*	*	*	6=Skating (o-day in 1900 and 1800 reports (fear frost in 0100 and 0700 reports).
Falmouth	0	2	14	7	6	2	0	0	0												7=Snow (thin layer, often not continuous).
																					8=Snow (deep, impeding traffic, usually a continuous layer.
																					9=Glazed roads (ice on roads from frozen rain or melted snow).

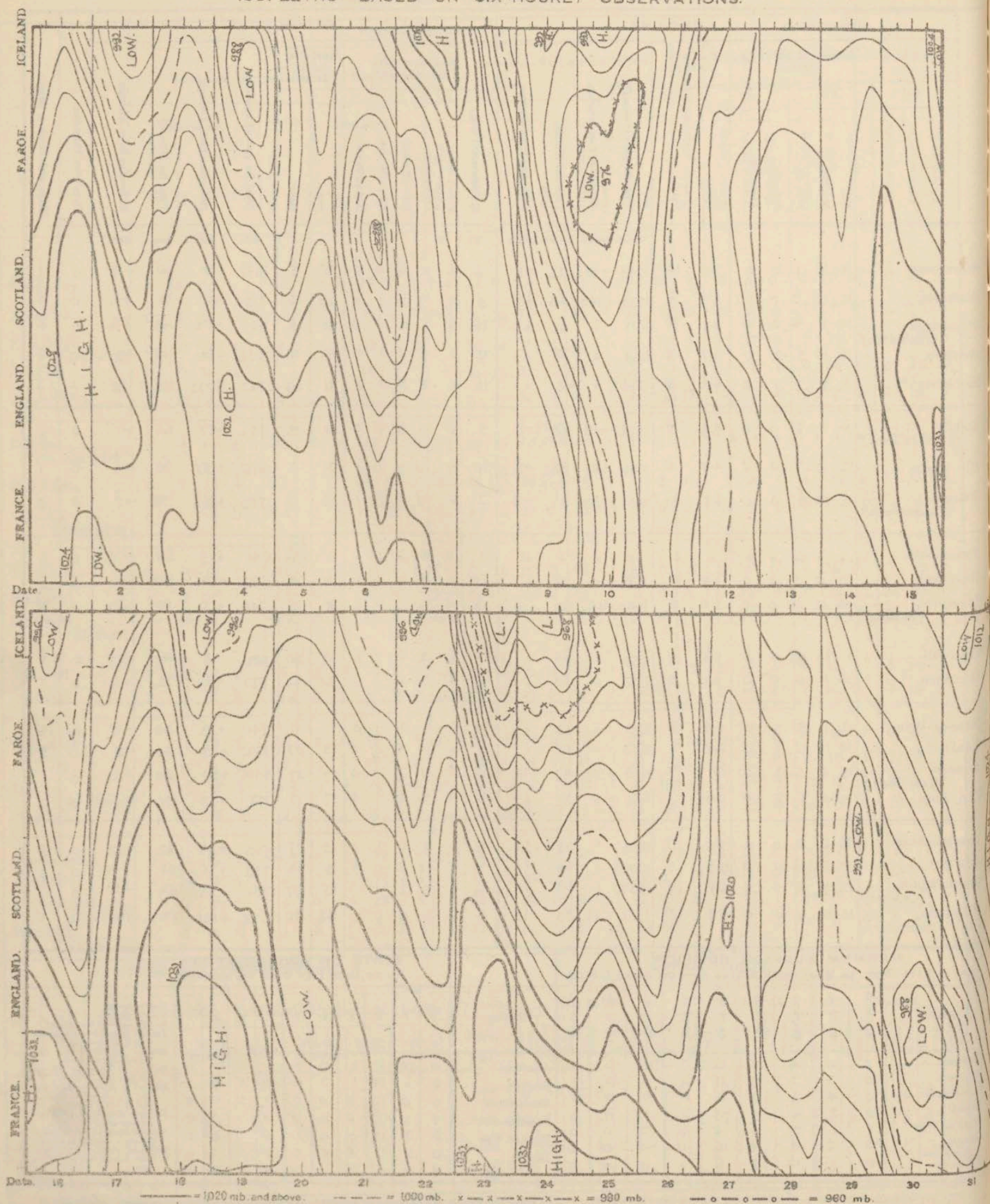
† The average sunshine for Liverpool and the average rainfall for the other stations marked † have been computed from the records available for these several stations by reference to the nearest stations with long records.

‡ Based in part on reports made by telegraph in which the day & night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0.1 mm.

G. O. SIMPSON, F.R.S., Director.

PRESSURE: ICELAND TO GULF OF LIONS DECEMBER, 1928.

ISOPLETHS* BASED ON SIX-HOURLY OBSERVATIONS.



BRITISH SECTION

No. B. 24481

Saturday, 1st December 1928

Page 1.

Observations at 1st h. G.M.T. 30th															Observations at 1st h. G.M.T. 30th														
STATIONS.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp.	Humidity.	Visibility.	Cloud.				State of ground.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp.	Humidity.	Visibility.	Cloud.				State of ground.			
			Direc.	Force.					Height.	Form.	Amt.	Direc.				Force.	Height.					Form.	Amt.						
																								0-12	0-10		0-10	0-10	0-12
(For heights see p. 4).	mb.					°F.	%	0-9	Feet		0-10		mb.					°F.	%	0-9	Feet		0-10						
Lerwick	1016.2	+1	WNW	1	C	48	75	7	1500	StCu	5	ACu	8	1016.5	0	-	0	C	47	97	6	1500	StCu	5	ACu	10			
Stornoway	1021.2	+2	WNW	4	od	52	57	5	800	Nb	10	-	10	1021.4	0	WNW	2	dr	50	85	6	1500	Nb	10	-	10			
Wick	1019.4	+2	W	2	crs	50	57	7	1500	St	8	ACu	10	1019.4	+2	NW	2	c	51	92	7	1500	St	10	-	10			
Tirree	1024.9	+2	WNW	4	C-	51	57	7	800	St	5	ACu	8	1025.5	+1	W	5	od	50	97	7	450	Nb	10	-	10			
Kairn	1019.9	+1	NW	1	C	55	85	8	800	StCu	9	-	9	1021.5	0	W	2	bc	51	85	8	2500	StCu	7	-	7			
Aberdeen	1019.9	+1	NW	1	C	55	85	8	800	StCu	9	-	9	1020.6	+1	WNW	3	C-	54	85	8	2500	StCu	4	ACu	8			
Malin Head	1027.3	+1	W	4	bc	51	97	7	2500	StCu	7	-	7	1027.3	+1	W	5	cd	50	97	5	800	St	7	ACu	10			
Benfrew	1024.1	+1	W	4	C	54	85	8	2500	StCu	10	-	10	1024.9	+2	W	3	C	51	85	8	1500	StCu	9	-	9			
Edinburgh (Inchkeith)	1021.5	0	WSW	4	bc	53	85	7	1500	St	1	ACu	7	1022.9	+1	WSW	4	bc	49	92	7	1500	Cu	3	-	3			
Leuchars	1021.1	+1	W	3	C	57	75	8	4000	StCu	6	ACu	8	1022.0	+1	SW	3	b	50	95	8	4000	StCu	1	-	1			
Blackdunmuir	1022.0	+2	W'N	4	bc	53	85	8	1500	Cu	3	ACu	7	1024.8	+5	W'N	3	cd	49	92	7	1500	St	9	-	9			
Tynemouth	1022.0	+1	W	3	bc	55	85	6	1500	Cu	3	-	3	1022.5	+1	W	2	bc	52	85	6	1500	Cu	3	-	3			
Blackhead Point	1030.1	+1	WSW	3	bc	51	97	8	-	CuNb	6	-	6	1030.4	0	W	3	od	50	97	6	-	Nb	10	-	10			
Donaghadee	1026.4	+1	WNW	3	C	52	85	8	4000	StCu	8	-	8	1027.4	+1	W	2	cjp	50	92	7	4000	StCu	8	-	8			
Birr Castle	1030.3	0	NW	1	C-	51	92	6	1500	Cu	8	-	8	1031.3	0	W	2	od	50	92	6	450	St	10	-	10			
Holyhead	1027.1	0	NW	5	C	51	97	8	1500	St	9	-	9	1028.5	+2	NW	4	C	52	97	7	1500	St	10	-	10			
Liverpool (Bidston)	1025.9	+1	NW	5	0	49	97	7	2500	St	10	-	10	1027.2	+2	NW	4	cd	49	97	7	1500	St	8	-	8			
Water (Sealand)	1025.5	+1	WNW	5	od	51	92	6	800	St	10	-	10	1026.5	+2	WNW	4	od	50	92	5	1500	St	10	-	10			
Harrogate	1023.1	+2	WSW	3	b	54	85	8	-	-	0	ACu	2	1024.2	+1	WSW	3	b	49	92	7	-	-	0	ACu	1			
Spurn Head	1021.4	+1	WNW	4	C-	47	92	6	4000	St	3	ACu	8	1022.8	+1	WNW	4	bc	48	92	6	2500	St	4	-	4			
Birmingham (Edgbaston)	1026.3	+1	NNW	4	mmo	50	92	4	1500	St	10	-	10	1026.6	+2	NW	4	0	49	92	6	1500	St	10	-	10			
Cranwell	1023.1	0	WNW	3	C	52	85	6	4000	StCu	6	ACu	8	1024.6	+2	W'N	3	bc	47	97	3	-	0	Ci	3				
Gorleston	1020.9	+1	WNW	3	C-	51	92	6	4000	StCu	9	-	9	1021.9	+1	NNW	3	C	51	85	6	4000	StCu	9	-	9			
Valentia (Cahirciveen)	1038.2	+1	NNW	3	C	52	92	8	450	St	8	-	8	1033.8	+2	WNW	3	od	51	97	6	<150	St	10	-	10			
Roches Point	1031.3	-1	N	3	C	52	92	8	2500	StCu	9	-	9	1032.1	+3	N	3	C	52	92	8	2500	StCu	9	-	9			
Pembroke (St. Ann's H.)	1027.9	0	VNW	2	C	52	92	8	2500	StCu	9	-	9	1029.0	+1	WNW	3	C	52	92	8	2500	StCu	9	-	9			
Ross-on-Wye	1025.3	+1	NW	1	C	53	85	8	2500	StCu	10	-	10	1027.0	+2	NW	2	C	51	85	8	2500	StCu	10	-	10			
Leafield	1024.5	+1	NNW	5	0	49	92	8	800	St	10	-	10	1026.1	+2	NW'N	5	0	49	92	7	800	St	10	-	10			
Winchester (Worthy Dn.)	1024.8	0	NW'N	4	cd	50	85	8	1500	St	10	-	10	1026.3	+2	NW	3	C	50	92	8	1500	St	10	-	10			
S. Farnborough	1023.9	0	NNW	3	C	51	85	6	1500	St	10	-	10	1026.3	+2	NW	3	0	51	85	6	1500	St	10	-	10			
London (Kew Obry.)	1023.9	0	NNW	2	bc	54	75	6	1500	StCu	5	ACu	7	1025.7	+2	NW	3	b-	50	85	5	-	0	Ci	1				
Croydon	1023.6	0	N'W	3	C+	52	85	5	1500	St	9	ACu	10	1025.3	+3	NW	2	mmo	48	92	4	1500	St	10	-	10			
Sheshuryness	1022.7	+1	NNW	4	bc	53	92	8	4000	StCu	7	-	7	1024.1	+1	NNW	2	bc	50	97	7	4000	StCu	4	-	4			
Obiston-on-Sea	1021.4	-1	WNW	3	C	51	85	6	4000	StCu	10	-	10	1023.7	+2	NW	3	bc	51	92	6	7200	StCu	5	-	5			
Falmouth	1021.7	0	NNW	4	C-	50	85	5	800	St	8	ACu	9	1023.3	+2	WNW	3	C	51	85	6	4000	StCu	10	-	10			
Portsmouth	1021.7	0	NNW	4	C-	50	85	5	800	St	8	ACu	9	1023.3	+2	NW	3	bc	48	92	5	4000	StCu	3	-	3			
Portly (St. Mary's)	1030.1	+1	NNW	5	C	51	92	7	4000	StCu	8	-	8	1030.9	+1	NNW	3	C	51	92	8	4000	StCu	10	-	10			
Falmouth (Poodennie)	1028.2	0	NW'N	4	C	52	85	8	4000	Nb	8	ACu	10	1029.0	+2	NNW	4	C	51	85	7	4000	StCu	10	-	10			
Plymouth (Cattewater)	1026.3	0	N	5	C-	52	85	8	1500	Nb	7	ACu	9	1023.5	+4	N	2	C	51	92	8	1500	Nb	10	-	10			
Portland Bill	1025.4	+2	WNW	3	C	53	85	8	2500	StCu	10	-	10	1026.9	+2	WNW	3	C+	53	85	8	2500	St	9	ACu	10			
Southampton (Catsbot)	1024.9	0	NW'N	3	C	52	85	6	1500	StCu	10	-	10	1026.2	+2	NW'N	4	C-	51	85	6	2500	StCu	9	-	9			
Dumfries	1022.3	+1	NW	2	olm	50	97	6	800	St	10	-	10	1024.8	+3	NNW	1	b-	46	97	6	-	0	-	0				
Guernsey (Fort George)	1026.8	0	NNW	3	CV	52	85	9	2500	StCu	10	-	10	1028.1	+2	NNW	3	C	52	85	8	2500	StCu	10	-	10			

LOCAL OBSERVATIONS.			WEATHER.			TEMPERATURE.			RAIN-FALL.		SUN-SHINE.		HUMIDITY.		ATMOSPHERIC POLLUTION.		POLE STATION RECORD at		CODE FOR STATE OF GROUND.	
Day	Th.	Stn.	Morn-ing.	After-noon.	Night.	Max. Day.	Min. Night.	Min. on Grass.	Day.	Night.	h.	min.	10h. G.M.T.	9h. G.M.T.	Milligrams of Solid Impurity per cubic metre.	24 Hrs. ended 7h. G.M.T.	Exposure from	to	State of Ground.	
1st	2nd	3rd				°F.	°F.	°F.	Day.	Night.	inches.	inches.	%	%		24 Hrs. ended 7h. G.M.T.	30th	31st		
Row	16	cm	cm	cm	54	50	46	-	-	0.3						South Kensington	17	19	0	
Croydon	24	cm	cm	cm	53	48	43	-	-	0.0						Max. Time Min. Time.	to 1st	to 2nd	1	
Greenwich (Royal Obsy.)	14	cm	cm	cm	53	50	42	-	-	0.0	85	84				0.8 15hr 30th 0.3 4hr 1st	Stars.	Exposure.	Record.	
City (Bunhill Row)	82																			
Westminster (St. James' Pl.)	27				55	51	45	-	-	0.0	80	83								
Regent's Pl. (Botanic Gdn.)	108									0.1			85							
Camden Square	110				52	50	48	-	-				86							
Kensington Palace	80				54	50	46	-	-				86							
Hampstead Observatory	450				51	45	41	-	-	0.2			91							

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.				BEAUFORT NOTATION OF WEATHER.			THE BEAUFORT SCALE OF WIND is used only for surface observations. In the accom- panying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.		Beau- fort No.	Statute miles per hour.	TELEGRAPHIC CODE FOR SURFACE VISIBILITY.	
1st JANUARY, 1908.				b blue sky (not more than a quarter covered with cloud). bc sky partly cloudy (ous half covered). c generally cloudy. d drizzle. e wet air. g gloomy. f fog. visibility 200-1000 m. f thick fog. " less than 200 m. m mist. " 1000-12000 m. h hail. i intermittent. ip precipitation within sight of station. EQ line squall. l lightning. o overcast sky. p passing showers. q squally. r rain. s snow. rs sleet. t thunder. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air. z dust haze: the turbid atmo- sphere of dry weather. h(r) = "hail" or "rain and hail." Capital letters indicate intense; suffix a indicates slight; repetition of letters indicates continually. R = heavy rain. r ₀ = slight rain. c = continuous rain. SYMBOLS. < = less than (for cloud height). > = before (for precipitation). ☉ = solar halo. ☾ = lunar halo. With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus: -bc/r = fair weather after rain; r = has decreased; + = has increased.			SEA DISTURBANCE. 0 = no swell } Calm or 1 = mod. swell } slight 2 = heavy swell } sea. 3 = no swell } Moderate 4 = mod. swell } sea. 5 = heavy swell } 6 = rather rough sea. 7 = rough sea. 8 = very rough sea. 9 = mountainous sea.				Objects not visible at 65 yards. 0. Dense fog. 200 " 1. Thick fog. 500 " 2. Fog. 1,000 " 3. Moderate fog. 1 1/2 miles. 4. Mist or haze. 1 1/2 miles. 5. Poor visibility. 2 1/2 " 6. Moderate. 8 " 7. Good. 12 " 8. Very good. 31 " 9. Excellent visibility, beyond 31 m	
STATIONS.	Sunrise.	Noon.	Sunset.									
	G.M.T.	G.M.T.	G.M.T.									
Yarmouth	7 44	11 41	15 41									
	7 45	11 42	15 40									
	7 45	11 42	15 53									
Greenwich	7 47	11 42	15 52									
	8 38	12 1	15 24									
	8 40	12 2	15 23									
Wick	8 28	12 30	16 12									
	8 28	12 30	16 12									
Valencia	8 30	12 31	16 31									

¹ Trace = rain has fallen, but amount less than 0.1 mm.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

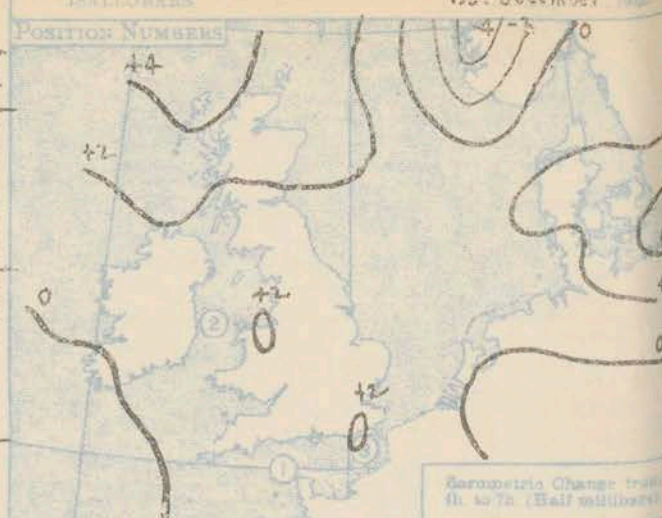
SUMMARIES FOR THE PAST 24 HOURS.

ISALLOGRAPHS

1st. December 1928

SUMMARY FOR THE PAST 24 HOURS

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN
	Th. 12h. 30th	12h. 12h. 30th	12h. 30th to 1h. 12h.	1h. 12h. 1st	MAX. Day Th. 12h.	MIN. Night 12h. 12h.	MIN. on Grass	Day. Th. 12h. mm. began.	Night. 12h. 12h. mm. began.	Th. 12h. 12h.	Hours.
Lerwick ...	c	cm.e	cofo	cipr	48	46	.	-	3	21.00	0.0
Stornoway ...	r.d	r.d	c	oprc	52	46	.	1	8.00	0.4	0.0
Wick ...	crf	cr.rc	c	c	51	47	.	6	8.00	-	.
Three ...	d.m.c	cp.d	p.dobc	bc	52	48	44	0.1	8.00	0.2	0.0
Nairn ...	c	cbe	bcq	bc	54	46	.	-	-	-	0.0
Aberdeen ...	cprc	c	e	bc	55	48	39	Tr.	2.00	-	0.0
Malin Head ...	cd.m	beed.m	cd.mpe	odcmbe	51	48	.	0.1	8.00	0.3	0.0
Bentfrew ...	bcc	c	cbc	cd.bc	54	48	45	-	Tr.	1	0.0
Edinburgh (Inchkeith) ...	ocbe	bc	bcw	bcc	53	48	45	-	Tr.	-	4.2
Leuchars ...	c	c, b	bcb	bubewc	58	44	38	-	-	-	3.1
Bakdalemuir ...	bc	beid.	cid.bcc	cbc	54	47	45	Tr.	17.30	Tr.	4.1
Tynemouth ...	bc	bc	bc	bbc	55	48	44	-	-	-	.
Blacksod Point ...	d.c	d.o	odd	dc	52	48	.	0.2	.	2	.
Donaghadee ...	c	c	cid.c	c	52	49	.	-	Tr.	21.00	.
Birr Castle ...	oid.c	cojd.	oid.	oidm	61	49	48	0.1	8.00	0.4	0.0
Holyhead ...	c	cd.c	oid.	oid.	52	50	50	Tr.	15.30	Tr.	0.0
Liverpool (Bidston) ...	qdd.f	od.cd	cd.o	om.d	49	48	46	0.1	8.00	Tr.	0.0
Chester (Sealand) ...	id.m	oid.m	om.	cid.m	51	49	47	0.1	2.00	Tr.	0.0
Harrogate ...	b	b	b	bbe	54	46	39	-	-	-	5.4
Spurn Head ...	c	cbc	bccw	cbcw	49	45	.	-	Tr.	06.30	2.1
Birmingham (Edgbaston) ...	d.co	o	o	oc	50	48	46	Tr.	9.00	-	0.0
Cranwell ...	c, b, c	cmbe	befm	bcbm	54	41	38	-	0.1	-	2.3
Gorleston ...	odcm	cm.c	od.o	om.c	52	48	47	Tr.	8.00	Tr.	0.0
Valentia (Cahirciveen) ...	cid.c	cojd.	oid.	oidm	52	50	49	0.1	8.00	0.3	0.2
Roches Point ...	c	cvgc	cp.c	cbc	53	50	.	-	0.3	21.00	.
Fembroke (St. Ann's H.) ...	c	c	c	c	54	50	.	-	-	-	0.0
Rose-on-Wye ...	c	c	c	cbc	63	50	48	-	-	-	0.0
Leafield ...	od.co	og	oc	c	49	47	46	Tr.	8.00	-	0.0
Winchester (Worthy De) ...	cid.	cd.c	c	c	61	49	48	Tr.	12.30	-	0.0
S. Farnborough ...	oc	cm.	om.	om.	61	49	48	-	-	-	0.0
London (Kew Obs.) ...	cm.	cbm.	b.c	c	54	50	46	-	-	-	0.3
Croydon ...	ommc	ocmbm	omm.	ocm.	53	48	43	-	-	-	0.0
Shoeburyness ...	qebc	bc	bc	o	53	47	46	-	-	-	0.0
Glacton-on-Sea ...	bcc	cbcm	bcm	bccm	52	48	47	-	-	-	0.3
Felixstowe ...	c3.r	c3.c3	c3.	c3.	51	49	47	Tr.	9.00	-	0.1
Lymington ...	om.cm	cmbcm	bcom	ocm.	51	46	44	-	-	-	0.3
Soilly (St. Mary's) ...	cid.	c	c	cid.	52	50	.	Tr.	11.00	Tr.	0.0
Falmouth (Pendennis) ...	cr.	c	c	cd.	52	50	.	Tr.	8.00	Tr.	0.0
Plymouth (Cattewater) ...	cr.	cr.	c	c	54	49	48	Tr.	8.00	-	0.0
Portland Bill ...	c	c	c	c	53	51	.	-	-	-	.
Southampton (Calshot) ...	cid.m	cm.	c	c	52	50	49	Tr.	8.00	-	0.0
Dungeness ...	cmcz	c3bz	b3com	om.od	51	45	.	-	Tr.	05.30	.
Guernsey ...	cv	cv	c	c	53	51	.	-	-	-	0.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind.		Weather.	Temp.	
			Dir.	Force.		Air.	Sea.
2 30 10h	10h	Hibernia	NW	6	c	52	53
3 1 2h	2h	Dieppe	NNW	4	c/f	55	54

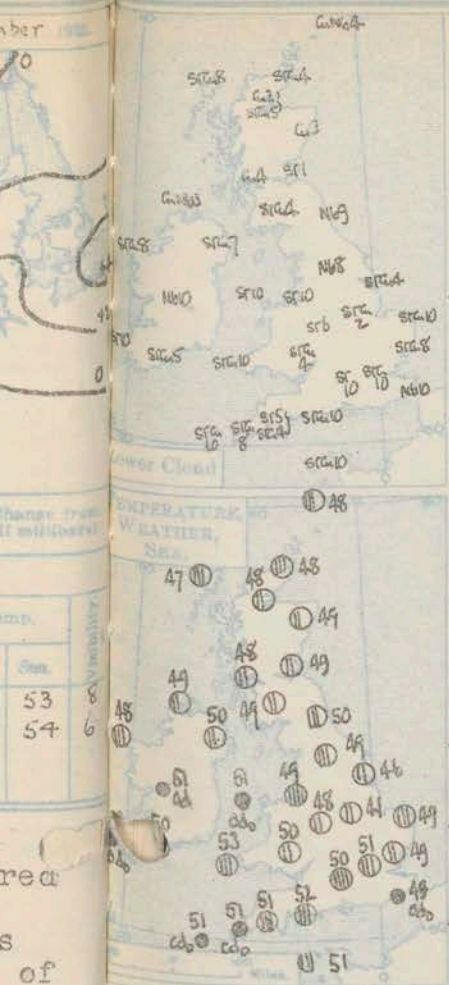
GENERAL INFERENCE.

An anticyclone remains centred off southwest Ireland and depressions continue to pass northeastward in the region of Iceland. Weather will continue generally mild and cloudy with occasional light rain or drizzle in many districts.

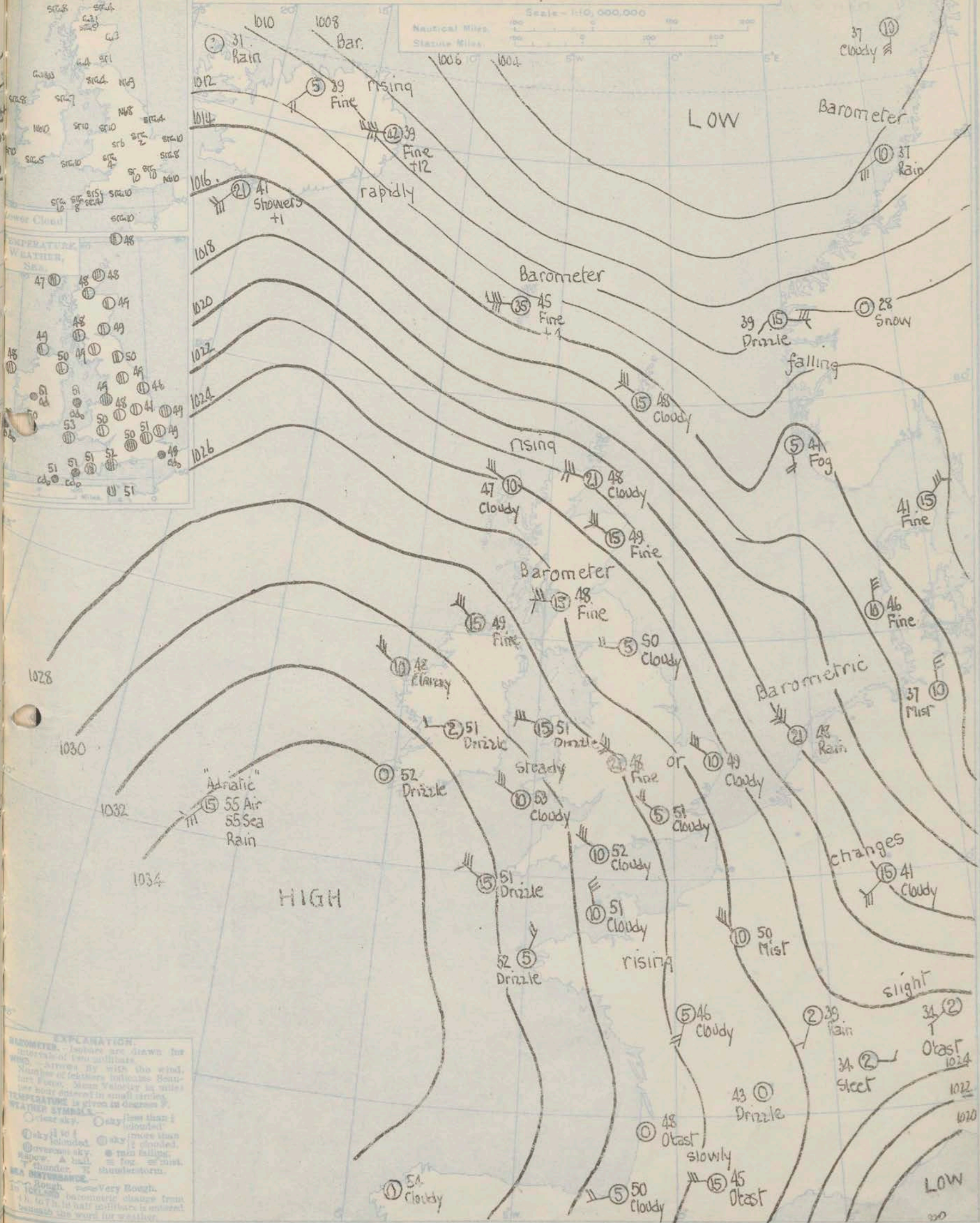
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Saturday, 1st December, 1928.	Farther Outlook.
1. S.E. England	Moderate northwesterly to westerly winds; cloudy, occasional light rain or drizzle; mild.	Cloudy, occasional rain; mild in the south temporarily cooler in the north.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Moderate northwesterly winds; cloudy, occasional light rain or drizzle; mild.	
6. South Wales		
7. North Wales	Moderate northwesterly winds backing and freshening; cloudy, occasional light rain or drizzle; mild.	
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. S.E. Scotland	Moderate northwesterly winds backing and freshening; cloudy, occasional showers at first, some rain later; mild at first becoming cooler temporarily.	
12. S.W. Scotland & Isle of Man		
13. A.W. Scotland		
14. N.W. Scotland		
15. Mid-Scotland	Moderate northwesterly winds backing; cloudy, occasional light rain or drizzle; mild.	
16. N.E. Scotland		
17. Orkneys and Shetlands		
18. N.W. Ireland		
19. N.E. Ireland		
20. S.W. Ireland		

SYNOPTIC CHART FOR 7h. Saturday 1st DECEMBER 1928

Scale 1:10,000,000
Nautical Miles 0 100 200 300 400
Statute Miles 0 100 200 300 400



rain; south cooler.



EXPLANATION:
BAROMETER. - Isobars are drawn for intervals of two millibars.
WIND. - Arrows by which the wind direction is indicated. Length of arrow indicates force in miles per hour. Mean velocity in miles per hour shown in small circles.
TEMPERATURE. - Is given in degrees F.
WEATHER SYMBOLS.
☉ Clear sky. ☁ Sky less than 1 clouded. ☁☁ Sky more than 1 clouded. ☁☁☁ Overcast sky. ☁☁☁☁ Very overcast sky. ☁☁☁☁☁ Thick falling. ☁☁☁☁☁☁ Rain. ☁☁☁☁☁☁☁ Snow. ☁☁☁☁☁☁☁☁ Thunder. ☁☁☁☁☁☁☁☁☁ Thunderstorm.
SEA DISTURBANCE.
1. Rough. 2. Very Rough. 3. Very Very Rough. 4. Very Very Very Rough. 5. Very Very Very Very Rough.
In 1000 ft. barometric change from 10 to 10.10 half millibars is entered beneath the word for weather.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

No. 24491

† See footnote page 1.

‡ At stations marked thus the maximum temperature is for the period 3h.-17h., the minimum for the period 21h.-9h. § 12h.-4h.

BRITISH 'SECTION'

No. B24982

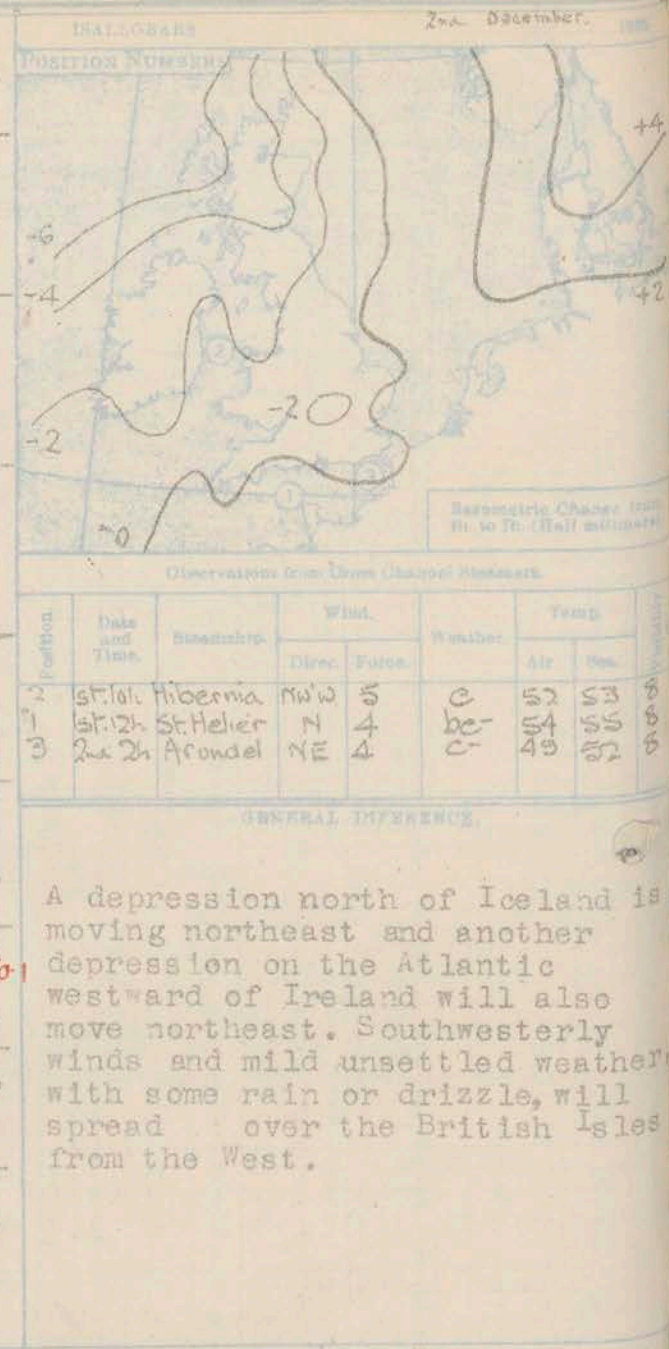
Sunday, 2nd December, 1928.

Page 1.

† Trace = rain has fallen, but amount less than 0.1 inch.

† The barometric change is expressed in half millibars.

SUMMARY FOR THE PAST 24 HOURS												SUN
STATIONS	WEATHER				TEMPERATURE			RAINFALL				lt Hours
	7h-12h	12h-12h	12h-12h	12h-7h	MAX.	MIN.	MIN.	Day 7h-12h	Night 12h-7h	Night 12h-7h		
	1st	1st	to 12h 2nd	2nd	Day	Night	on	mm	began	mm	began	
Lerwick ...	cbe	bcc	c	cbe	48	43	.	-	-	-	-	0.0
Scornoway ...	c	c	c	c	49	44	.	-	-	-	-	0.0
Wick ...	c	c	c	c	49	42	.	-	-	-	-	0.0
Thurso ...	c	co	oc	co	51	44	42	-	-	-	-	0.0
Wain ...	bc	bc	bew	bc	48	35	.	-	-	-	-	3.7
Aberdeen ...	bcbby	bq, b	bbeb	bx	49	31	24	-	-	-	-	4.8
Malin Head ...	bcp, c	c	c	c	49	43	.	Tr	8.00	-	-	0.0
Roofre ...	bcb	b	bx	bxcw	51	38	22	-	-	-	-	0.1
Edinburgh(Inchkeith) ...	bcb	bbc	bmx	bim, bcc	50	37	33	-	-	Tr	-	0.1
Leuchars ...	bcbw	baw	bw	bim, bcc	51	29	22	-	-	-	-	0.2
Baldernair ...	bcb	b	bx	bim, bcc	51	24	21	-	-	-	-	0.0
Tynemouth ...	cig, bc	bim	b	bbe	52	34	29	0.1	8.00	-	-	.
Blackhead Point ...	c	c	c	c	50	46	.	0.2	.	-	-	.
Donaghadee ...	bcc	cbe	bcc	c	51	40	.	-	-	-	-	.
Birr Castle ...	oide	c	c	c	51	42	37	0.1	8.00	-	-	0.6
Holyhead ...	d, oide	c	c	c	52	47	46	0.1	8.00	-	-	0.1
Liverpool (Bidston) ...	d, f, c	cbe, b	bim, bcc	bim, bcc	49	40	36	0.1	9.00	0.1	2.00	2.3
Chester (Sealand) ...	cide, c	bc	bim, bcc	bim, bcc	52	31	23	0.1	8.00	-	-	1.1
Harrogate ...	cig, c	c	cb	bw	51	35	29	0.2	9.00	-	-	1.1
Spurn Head ...	cpd, z	c	cbcc	cbcc	49	41	.	0.2	11.00	-	-	1.2
Birmingham(Fogaston) ...	cp, c	c	cb	cbcc	50	36	27	0.1	11.00	-	-	0.0
Cranwell ...	bim, cid	cm, c	bc	cm, of	51	36	31	0.1	11.00	-	-	1.7
Gooleston ...	c	cod, c	cq	cq	51	46	45	0.2	13.30	-	-	0.0
Valentia(Cahiroreen) ...	odfm	fm, id	ofm, id	oid, m	53	50	49	0.4	8.00	1	2.00	0.0
Roche Point ...	c	cp, c	cbcc	bim, bcc	54	47	.	Tr	13.30	1	2.30	.
Pembroke(St Ann's H.) ...	c	c	c	c	50	45	.	-	-	-	-	0.1
Ross-on-Wye ...	cbcc	c	cbcc	bim, bcc	55	29	24	-	-	-	-	2.7
Leafield ...	cbcc	d, c	cbcc	bim, bcc	57	30	29	Tr	13.30	0.1	-	1.5
Winchester (Worthy D.) ...	c, c	c, c	cbcc	bim, bcc	53	30	24	Tr	14.30	-	-	0.3
S. Farnborough ...	oc	cd, d, be	om, bbe	bim, bcc	53	35	26	Tr	14.30	-	-	0.1
London (Kew Obs.) ...	c	c, c	cbcc	om, bcc	53	43	37	Tr	13.30	Tr	-	0.1
Croydon ...	cm	cod, d	obcc	om, bcc	52	45	42	0.3	14.30	-	-	0.0
Shoeburyness ...	o	o, c	b	bcc	53	40	40	0.4	15.30	-	-	0.0
Clacton-on-Sea ...	cm	om, o, d	og, bbe	bcc	51	45	42	0.2	16.30	-	-	0.0
Felixstowe ...	cz	od, b, b	b	bcc	51	45	41	0.1	14.30	-	-	0.1
Lymington ...	om	om, o, d	od, bbe	c	50	43	39	Tr	16.30	Tr	2.00	0.0
Seilly (St. Mary's) ...	cide	c	c, c	c	52	49	.	Tr	8.00	0.4	2.00	0.6
Falmouth (Pendennis) ...	cg	cr, bcc	cr, bcc	bc	53	45	.	Tr	8.00	0.1	2.00	2.0
Plymouth(Cattewater) ...	cb	cd, bcc	om, c	cbim, bcc	54	39	29	Tr	15.30	-	-	2.9
Portland Bill ...	cbc	bcc	c	cb, bcc	56	42	.	-	-	-	-	.
Southampton(Calshot) ...	cm, bcc	cm, d	cbim, bcc	bim, bcc	53	37	29	Tr	16.30	Tr	-	1.2
Dungeness ...	od, cd	cd	d, c	c	52	42	.	Tr	8.00	0.1	2.00	.
Guernsey ...	c	cy	c	bc	54	46	.	-	-	-	-	2.1



Districts	Forecast for the 24 hours commencing 12 Noon G.M.T. Sunday, 2nd December, 1928.
1. E.E. England	Light northwesterly wind backing southwest and freshening; mainly cloudy, some rain or drizzle later; temperature rising.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Light westerly wind, backing southwest and becoming fresh; mainly cloudy, some rain or drizzle later; temperature rising.
7. North Wales	
8. N.W. England	
9. N. Midlands	Light westerly winds, backing southwest and freshening; bright periods at first, cloudy with rain later; temperature rising.
10. N.E. England	
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	South to southwest wind, moderate to fresh or strong; cloudy, some rain or drizzle; mild.
13. A.W. Scotland	
14. N.W. Scotland	
15. Mid-Scotland	Wind between south and southwest, increasing to fresh or strong; cloudy, some rain or drizzle; mild.
16. N.E. Scotland	
17. Orkneys and Shetlands	
18. N.W. Ireland	
19. N.E. Ireland	
20. S.E. Ireland	
21. S.W. Ireland	

Further Outlook

Mild and unsettled

SYNOPTIC CHART FOR 7th SUNDAY, 2ND DECEMBER, 1928.

LOW

Nautical Miles
Statute Miles

Scale - 1:10,000,000

LOW
Fine

1010

1012

1014

Barometer

32
0 Fine

46
2 Fine

rising

43
5 Fine

46
21 Fine

39
15 Fine

slowly

Bar.

47
10 Cloudy

46
27 Cloudy

45
10 Ocst

43
35 Fine

1016

1018

1018

1016

1014

1012

52 LOW

21 Fine

changes

42
2 Fine

43
10 Cloudy

45
5 Cloudy

45
5 Cloudy

45
5 Cloudy

52
5 Cloudy

52
2 Drizzle

slight

45
5 Cloudy

43
15 Cloudy

45
5 Cloudy

45
5 Cloudy

45
5 Fine

52
5 Cloudy

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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4

BRITISH SECTION... SUNDAY, 2ND DECEMBER, 1928.

No. 331...

STATIONS.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 2 ND											Observations at 7h. G.M.T. 2 ND											Sea.				
		Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %	Visibility in Miles.	Cloud.			Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %	Visibility in Miles.	Cloud.							
				Dir.	Force.					Height.	Form.	Amount.			Dir.	Force.					Height.	Form.	Amount.					
																									0-12	0-10	0-10	0-12	0-10	0-10
Lerwick	54	1024.6	+1	WN	1	C	46	75	8	1500	Cu	4	As	9	1022.0	+1	W	1	bc	43	85	8	1500	Sc	4	As	6	1
Stornoway	30	1025.2	-2	W	2	C	46	75	8	1500	Cu	4	As	10	1022.4	-6	SW	4	C	46	75	8	1500	Sc	3	-	9	1
Wick	31	1025.3	-1	W	2	C	44	93	8	2500	St	8	As	10	1025.0	-4	W	2	C	42	82	8	1500	St	8	As	10	1
Tirree	22	1025.3	-1	W	2	C	44	93	8	2500	St	8	As	10	1025.0	-4	W	2	C	42	82	8	1500	St	8	As	10	1
Nairn	82	1025.3	-1	W	2	C	44	93	8	2500	St	8	As	10	1025.0	-4	W	2	C	42	82	8	1500	St	8	As	10	1
Aberdeen	37	1025.3	-1	W	2	C	44	93	8	2500	St	8	As	10	1025.0	-4	W	2	C	42	82	8	1500	St	8	As	10	1
Malin Head	51	1031.3	-2	W	2	C	45	85	8	5700	Sc	10	-	10	1026.9	-2	W	2	bc	43	92	8	5700	Sc	9	-	9	1
Kenfrew	36	1025.3	-2	W	2	C	45	85	8	5700	Sc	10	-	10	1027.6	-3	W	1	fb	43	92	8	5700	Sc	10	-	10	1
Edinburgh (Inchkeith)	100	1025.2	-1	WSW	2	b	40	92	6	1500	St	2	-	2	1027.1	-2	W	2	fb	43	92	8	1500	St	2	-	2	1
Leuchars	30	1025.2	-1	WSW	2	b	40	92	6	1500	St	2	-	2	1027.1	-2	WSW	2	fb	43	92	8	1500	St	2	-	2	1
Esksdalemuir	794	1025.2	-1	WSW	2	b	40	92	6	1500	St	2	-	2	1027.1	-2	WSW	2	fb	43	92	8	1500	St	2	-	2	1
Tynemouth	87	1025.3	-1	W	2	b	39	92	6	-	-	0	-	0	1026.9	-2	W	2	bc	43	92	8	1500	Cu	3	-	3	2
Blackhead Point	18	1025.0	-2	S	3	C	47	85	8	-	Sc	8	-	8	1026.5	-3	S	3	C	48	87	7	-	Sc	8	-	8	2
Donaghadee	40	1025.0	-2	S	3	C	47	85	8	-	Sc	8	-	8	1026.5	-3	S	3	C	48	87	7	-	Sc	8	-	8	2
Birr Castle	173	1025.0	-2	S	3	C	47	85	8	-	Sc	8	-	8	1026.5	-3	S	3	C	48	87	7	-	Sc	8	-	8	2
Holyhead	26	1031.4	0	WSW	1	C	48	85	7	4000	Sc	10	-	10	1028.3	-2	WSW	1	C	47	85	7	4000	Sc	10	-	10	1
Liverpool (Bidston) ...	189	1025.0	-2	WSW	1	C	48	85	7	4000	Sc	10	-	10	1028.3	-2	WSW	1	C	47	85	7	4000	Sc	10	-	10	1
Chester (Sealand) ...	16	1025.0	-2	WSW	1	C	48	85	7	4000	Sc	10	-	10	1028.3	-2	WSW	1	C	47	85	7	4000	Sc	10	-	10	1
Harrogate	478	1025.0	-2	WSW	1	C	48	85	7	4000	Sc	10	-	10	1028.3	-2	WSW	1	C	47	85	7	4000	Sc	10	-	10	1
Spurn Head	38	1025.2	0	WNW	4	C	44	92	7	4000	Cu	9	-	9	1026.2	0	WNW	4	bc	42	92	6	1500	St	5	-	5	1
Birmingham (Edgbaston)	505	1025.2	0	WNW	4	C	44	92	7	4000	Cu	9	-	9	1026.2	0	WNW	4	bc	42	92	6	1500	St	5	-	5	1
Cranwell	226	1030.4	+1	WNW	2	C	41	97	6	4000	Sc	9	-	9	1030.2	0	W	3	fb	43	97	2	800	St	10	-	10	1
Gerlestone	14	1027.6	0	WNW	4	C	47	85	7	2500	Sc	9	-	9	1027.3	-1	NW	3	C	47	85	7	2500	Sc	10	-	10	1
Valentia (Cahiroivean) ...	50	1031.3	-2	-	0	fb	50	97	3	-	-	0	-	0	1029.3	-2	WNW	1	od	51	97	5	220	St	10	-	10	3
Roches Point	32	1031.3	-2	-	0	fb	50	97	3	-	-	0	-	0	1029.3	-2	WNW	1	od	51	97	5	220	St	10	-	10	3
Pembroke (St. Ann's H.)	150	1031.4	0	NNE	2	C	48	85	8	4000	Sc	10	-	10	1030.3	-1	N	2	C	47	85	8	4000	Sc	10	-	10	1
Ross-on-Wye	223	1031.4	0	NNE	2	C	48	85	8	4000	Sc	10	-	10	1030.3	-1	N	2	C	47	85	8	4000	Sc	10	-	10	1
Leafield	612	1031.4	0	NNE	2	C	48	85	8	4000	Sc	10	-	10	1030.3	-1	N	2	C	47	85	8	4000	Sc	10	-	10	1
Winchester (Wortley Dn.)	272	1025.0	-2	WNW	4	C	44	92	7	4000	Cu	9	-	9	1026.2	0	WNW	4	bc	42	92	6	1500	St	5	-	5	1
S. Farnborough	257	1025.0	-2	WNW	4	C	44	92	7	4000	Cu	9	-	9	1026.2	0	WNW	4	bc	42	92	6	1500	St	5	-	5	1
London (Kew Obs.) ...	16	1025.0	-2	WNW	4	C	44	92	7	4000	Cu	9	-	9	1026.2	0	WNW	4	bc	42	92	6	1500	St	5	-	5	1
Croydon	244	1025.0	-2	WNW	4	C	44	92	7	4000	Cu	9	-	9	1026.2	0	WNW	4	bc	42	92	6	1500	St	5	-	5	1
Shoeburyness	11	1025.0	-2	WNW	4	C	44	92	7	4000	Cu	9	-	9	1026.2	0	WNW	4	bc	42	92	6	1500	St	5	-	5	1
Olaeton-on-Sea	54	1025.0	-2	WNW	4	C	44	92	7	4000	Cu	9	-	9	1026.2	0	WNW	4	bc	42	92	6	1500	St	5	-	5	1
Felixstowe	15	1025.0	-2	WNW	4	C	44	92	7	4000	Cu	9	-	9	1026.2	0	WNW	4	bc	42	92	6	1500	St	5	-	5	1
Lymington	350	1025.0	-2	WNW	4	C	44	92	7	4000	Cu	9	-	9	1026.2	0	WNW	4	bc	42	92	6	1500	St	5	-	5	1
Scilly (St. Mary's) ...	163	1031.6	-1	NNE	2	C	50	92	8	4000	Sc	8	-	8	1031.1	-1	ENE	2	C	49	85	7	4000	Sc	10	-	10	1
Falmouth (Pendennis) ...	200	1031.4	-1	-	0	bc	49	75	8	4000	Sc	8	Ac	8	1030.6	0	-	0	bc	45	75	8	4000	Sc	3	Ac	3	1
Plymouth (Cattewater) ...	82	1031.4	-1	-	0	bc	49	75	8	4000	Sc	8	Ac	8	1030.6	0	-	0	bc	45	75	8	4000	Sc	3	Ac	3	1
Portland Bill	32	1029.9	+1	WNW	4	C	47	85	8	2500	Sc	6	Ac	6	1029.7	0	N	2	bc	42	85	6	2500	Sc	1	-	1	1
Southampton (Calshot) ...	10	1030.6	+1	N	1	b	43	92	6	-	-	0	-	0	1030.4	0	WNW	2	fb	43	92	6	2500	Sc	1	-	1	1
Dungeness	20	1028.9	+3	NNE	2	C	46	75	8	4000	Cu	9	-	9	1028.4	-1	N	2	bc	45	75	8	2500	Cu	8	Ac	8	1
Guernsey (Fort George) ...	295	1032.0	+1	NNE	1	C	51	85	7	4000	Sc	8	-	8	1030.8	+1	NE	2	C	48	75	8	2500	Cu	8	Ac	8	1

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1ST DECEMBER

STATIONS.	WEATHER		TEMPERATURE		RAINFALL		SUNSHINE	(1) (2) (3) (4) (5) (6) (7)						
	Forenoon.	Afternoon.	Min. 9h.-12h.	Max. 12h.-17h.	Night 17h.-9h.	Day 9h.-17h.		(1)	(2)	(3)	(4)	(5)	(6)	(7)
Barwick-on-Tweed	bc	bc	48	51	mm.	mm.	5.0	bc	bc	48	53	Trace	Trace	0.0
Douglas (I.O.M.)	c	b	48	50	1	-	4.1	c	b	48	51	Trace	Trace	0.0
Llandudno	dmoc	c	49	52	0.6	Trace	0.4	dmoc	c	49	52	Trace	Trace	0.4
Colwyn Bay	ocb	bcc	49	51	1	-	0.2	ocb	bcc	49	51	Trace	Trace	0.2
Rhyl	ocb	bcc	49	57	0.3	-	0.7	ocb	bcc	49	57	Trace	Trace	0.7
Wallasay	dcfc	bcb	47	50	0.3	Trace	2.1	dcfc	bcb	47	50	Trace	Trace	2.1
Southport	dcfc	bcb	48	49	0.4	0.1	4.1	dcfc	bcb	48	49	Trace	Trace	4.1
Blackpool	dcfc	bcb	49	50	1	-	4.5	dcfc	bcb	49	50	Trace	Trace	4.5
Ukley	dcfc	bcb	47	55	0.3	-	1.4	dcfc	bcb	47	55	Trace	Trace	1.4
Cleethorpe	dcfc	bcb	45	52	-	0.3	0.0	dcfc	bcb	45	52	Trace	Trace	0.3
Skewness	dcfc	bcb	45	52	Trace	Trace	0.0	dcfc	bcb	45	52	Trace	Trace	0.0
Aberystwyth	dcfc	c	48	50	2	1	0.0	dcfc	c	48	50	Trace	Trace	0.0
Bath	bcc	c	51	55	-	-	2.5	bcc	c	51	55	Trace	Trace	2.5
Cheltenham	bcc	ado	49	54	-	Trace	1.0	bcc	ado	49	54	Trace	Trace	1.0
Leamington Spa	o	o	50	52	-	-	0.3	o	o	50	52	Trace	Trace	0.3
Lowestoft	c	cdc	(46)	51	Trace	Trace	0.0	c	cdc	(46)	51	Trace	Trace	0.0
Harwich & Dovercourt	oc	dc	47	50	-	0.2	0.0	oc	dc	47	50	Trace	Trace	0.2
Maldon	o	o	47	52	-	-	0.0	o	o	47	52	Trace	Trace	0.0
Southend	om	om	48	52	-	0.4	0.0	om	om	48	52	Trace	Trace	0.4



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.24463

Monday, 3rd December 1928.

Page 1.

Observations at 13h. G.M.T. 2nd															Observations at 13h. G.M.T. 2nd																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
STATIONS.	Barom. at M.S.L. Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.				Barom. at M.S.L. Change in 3 Hours.	Wind.	Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.				Barom. at M.S.L. Change in 3 Hours.	Wind.	Weather.	Temp. °F.	Humidity. %	Visibility. Miles.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		Direc.	Force.					Low.	Upper.	Total.	Base of cloud.							Low.	Upper.	Total.	Base of cloud.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
																												0-12	0-8	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
(For heights see p. 4.)	mb.							Feet	Form	Amt.		mb.						Feet	Form	Amt.		mb.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</

3rd December

An anticyclone centred over our southwest coasts will maintain mild cloudy weather with local drizzle in the southern half of the British Isles while secondaries moving eastwards across Scotland will give changeable weather in the North.

Forecasts issued at

0930 G.M.T.

† Trace = rain has fallen, but amount less than 0.1

SYNOPTIC CHART FOR 7h. MONDAY, 3RD DECEMBER, 1928.

Scale - 1:10,000,000
Nautical Miles
Statute Miles

Change from
millibars

Temp.

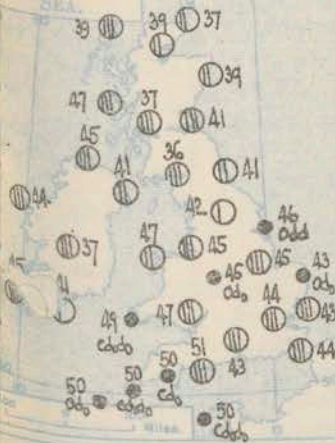
Wind

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TEMPERATURE
WEATHER,
SEA.



1020

1022

1024

1026

1028

1030

HIGH

LOW

LOW

EXPLANATION.
Barometer - Isobars are drawn for intervals of two millibars.
Wind - Arrow with the wind.
Number of feathers indicates force.
Number of flags indicates direction.
Mean Velocity in miles per hour entered in small circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS:
Clear sky. (less than 1/4 cloudy)
Partly cloudy. (1/4 to 1/2 cloudy)
Overcast sky. (more than 1/2 cloudy)
Rain falling. (rain falling)
Snow. (snow)
Fog. (fog)
Thunder. (thunder)
Thunderstorm. (thunderstorm)
Very Rough. (very rough)
In Iceland barometric changes from 1h. to 7h. in half millibars is entered beneath the word for weather.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION.....Monday, 2 December 1928.

No. 338.

* Information not usually received.

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. † 12h.-9h.

Observations at 15h. G.M.T.														Observations at 18h. G.M.T.																																																							
STATIONS.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-3	Cloud.				Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-3	Cloud.				Sea.																																												
			Dirac.	Force.					Height.	Form.	Amt.	Dirac.			Force.	Height.					Form.	Amt.																																															
																							0-10	0-10		0-10	0-10	0-10	0-10	0-10	0-10																																						
(For heights see p. 2).																																																																					
Lerwick	1018.3	+3	W	3	C	44	65	8	1500	Cu	5	AS	8	1020.4	+1	W	3	bc	44	75	8	1500	Cu	3	-	3	-																																										
Sornoway	1024.3	+2	WSW	1	C+	42	92	7	4000	Nb	5	CS	8	1024.1	0	WSW	2	bc-	41	85	7	4000	Cu	3	-	3	-																																										
Wick	1023.6	+3	WNW	3	C	41	85	8	1500	CuNb	6	CS	8	1025.1	+1	WNW	2	bc	37	92	8	-	-	0	AS	3	0																																										
Thurso	1027.5	+2	W	4	C	45	92	8	1500	CuNb	2	CS	8	1027.5	0	W	4	C	43	92	8	2500	Cu	10	-	10	-																																										
Nairn	1026.9	+1	WSW	3	bc-	42	65	8	-	-	0	CS	3	1026.3	+	W	1	bc	37	85	8	1500	St	4	-	4	-																																										
Aberdeen	1026.9	+1	WSW	3	bc-	42	65	8	-	-	0	CS	3	1027.8	+1	WSW	3	b	39	75	7	4000	StCu	1	Cu	1	0																																										
Malin Head	1029.5	+2	WSW	3	C	46	85	8	4000	Cu	2	CS	8	1029.5	0	SSE	3	b/r	41	97	7	-	-	0	AS	1	2																																										
Renfrew	1028.8	+2	WSW	3	C	44	85	7	5700	StCu	4	CS	10	1029.5	+1	S	1	C	37	92	6	-	-	0	CS	10	-																																										
Edinburgh (Inchkeith)	1027.6	+1	WSW	3	0	43	85	5	800	St	10	-	10	1028.3	+2	W	2	mmbc	41	85	4	800	St	4	-	4	0																																										
Leuchars	1028.1	+3	WSW	2	C	40	85	7	4000	StCu	3	AS	10	1028.3	+1	WSW	2	bc-	35	92	7	-	-	0	AS	3	2																																										
Baldernair	1028.8	+2	SSE	2	C	39	75	8	-	-	0	AS	10	1028.6	+2	-	0	bc-	32	92	7	-	-	0	AS	2	-																																										
Tynemouth	1028.3	+1	WNW	2	C+	43	75	6	800	St	8	-	8	1028.0	+1	W	2	bc-	38	85	5	800	St	4	-	4	-																																										
Blackhead Point	1031.0	+1	W	3	bc+	47	65	8	-	StCu	4	AS	7	1029.8	-1	(WSW)	3	bc	46	65	8	-	StCu	7	-	7	3																																										
Donaghadee	1029.4	+1	W	1	bc-	44	75	7	4000	StCu	3	CS	6	1030.2	+1	WSW	1	C	38	92	6	4000	StCu	4	AS	8	1																																										
Birr Castle	1031.5	+	SSE	1	C	47	85	7	2500	Cu	2	AS	9	1031.4	+	S	1	C	38	92	7	1500	Cu	2	AS	9	-																																										
Holyhead	1030.0	+1	N/E	3	C/r	47	85	8	2500	St	8	AS	9	1031.0	+1	-	0	bc-	46	92	7	2500	Cu	2	AS	4	2																																										
Liverpool (Bidston)	1029.9	+1	N/E	2	C	44	75	7	-	-	0	CS	9	1031.2	+2	-	0	C	43	85	4	800	St	8	-	8	-																																										
Peter (Sealand)	1028.9	+1	N/W	2	C	45	75	6	-	-	0	CS	9	1030.7	+2	NW	1	mmbc	37	85	4	-	-	0	CS	4	-																																										
Harrogate	1029.2	+2	NNW	1	C	42	65	7	-	-	0	AS	10	1031.1	+2	SW	2	b-	37	75	7	-	-	0	-	0	-																																										
Spurn Head	1027.1	+2	N	3	C	46	85	7	4000	CuNb	4	AS	10	1029.9	+2	N/E	3	bc-	44	85	7	4000	CuNb	5	-	5	2																																										
Birmingham (Edgbaston)	1028.2	+1	NNW	4	mmbc	44	85	4	-	-	0	CS	7	1030.8	+2	NNE	2	bc	42	75	3	-	-	0	AS	10	-																																										
Cranwell	1028.0	+2	NNW	3	C	43	85	6	1500	St	10	-	10	1030.3	+3	NNW	2	C	40	92	5	2500	St	10	-	10	-																																										
Gorleston	1025.4	+1	NNW	3	add.	48	97	4	800	Nb	10	-	10	1028.3	+3	NNE	3	C	46	92	7	1500	Nb	4	AS	9	1																																										
Valentia (Cahirciveen)	1031.3	-1	E/N	2	C	47	65	8	2500	StCu	9	-	9	1031.7	0	E/N	1	C	45	85	8	4000	StCu	9	-	9	2																																										
Roche's Point	1032.0	+1	NW	2	b	45	85	8	4000	StCu	2	-	2	1031.8	0	NE	2	b	40	85	8	1500	St	2	-	2	0																																										
Pembroke (St. Ann's H.)	1029.4	+2	N	1	bc-	48	75	9	1500	StCu	6	Cu	7	1030.4	+1	NE	2	bc-	44	75	8	2500	StCu	4	Cu	5	1																																										
Buss-on-Wye	1028.7	+1	N	3	C	46	65	8	2500	StCu	9	AS	10	1030.1	+1	N/W	2	bc	40	75	5	-	-	0	CS	7	-																																										
Leafield	1027.9	+2	NNW	4	bc	45	75	8	4000	StCu	5	CS	7	1030.0	+2	N	2	C	38	85	6	-	-	0	CS	8	-																																										
Winchester (Worthy Dn.)	1027.6	+1	NNW	3	C	48	92	7	1500	StCu	10	-	10	1029.5	+2	NW/N	3	C	43	75	7	2500	StCu	7	Cu	10	-																																										
B. Farnborough	1027.3	+1	NW	3	C	43	85	6	1500	St	10	-	10	1029.2	+2	NW	1	0	45	75	6	1500	St	10	-	10	-																																										
London (Kew Obs.)	1027.3	+1	NW	2	o/d	49	92	5	1500	St	10	-	10	1029.8	+3	NNE	3	0	47	85	6	800	St	10	-	10	-																																										
Croydon	1027.5	+1	NW/N	2	o/d	47	97	3	450	St	10	-	10	1029.2	+3	NNE	3	mmo	46	85	4	220	St	10	-	10	-																																										
Southbury	1026.8	+1	NW	1	C	48	97	6	1500	StCu	8	AS	10	1029.3	+2	NW	2	0	47	97	6	1500	St	10	-	10	-																																										
Clouston-on-Sea	1026.2	+1	NW	2	0	48	92	6	800	St	10	-	10	1029.0	+7	NW	3	C/d	46	92	5	800	St	8	-	8	1																																										
Felixstowe	1026.0	+1	NNW	3	C/d	48	97	4	450	St	10	-	10	1027.9	+2	NW	4	0	46	97	5	800	St	10	-	10	-																																										
Scilly (St. Mary's)	1029.7	+1	NNW	2	C	51	92	7	4000	Cu	8	-	8	1029.5	0	NE/N	3	C/d	49	97	6	4000	St	10	-	10	1																																										
Plymouth (Pendennis)	1028.8	0	N	2	C+	53	92	8	4000	CuNb	6	AS	8	1029.9	+1	N	2	bc-	47	97	7	4000	CuNb	3	CS	4	0																																										
Plymouth (Cattewater)	1028.0	+	N	2	C/d	52	85	8	2500	St	10	-	10	1029.9	+1	N	1	bc-	49	85	6	2500	StCu	5	-	5	0																																										
Portland Bill	1027.5	0	WSW	2	C-	53	85	3	2500	StCu	7	AS	8	1029.0	+2	NNE	3	C	48	75	8	2500	StCu	10	-	10	0																																										
Southampton (Calshot)	1027.6	0	NNW	3	C	49	92	5	2500	StCu	4	AS	8	1029.5	+3	N	3	C	46	75	6	1500	StCu	9	-	9	0																																										
Dungeness	1026.8	+2	NNW	2	o/d	50	92	6	1500	Nb	10	-	10	1028.8	+3	N	3	fo-	47	97	4	450	St	10	-	10	2																																										
Guernsey (Fort George)	1028.6	-1	NW	2	bc-	53	85	9	1500	Cu	7	-	7	1029.4	+2	WNW	1	C+	51	97	8	800	Nb	7	AS	10	6																																										
LONDON OBSERVATIONS.														ATMOSPHERIC POLLUTION.														CODE FOR STATE OF GROUND.																																									
Day 7h-15h, Kew & Croydon.														Milligrams of Solid Impurity per cubic metre.														5=Dry ground.																																									
7h-15h, Kensington.														24 HR. ended 7h. G.M.T.														1=Wet ground.																																									
7h-15h, other stations.														Borough Kensington														2=Soft (muddy) wet ground.																																									
Kew														Max. Time Min. Time														3=Bare ground frozen (but less than 2 ins. deep).																																									
Croydon														1.5 11h 3m 0.3 4h 4m														4=Bare ground frozen (but more than 2 ins. deep).																																									
Greenwich (Royal Obs.)														Stars Exposure Record.														5=Dew (or wet grass) but not wet ground.																																									
Clay (Bunhill Row)														Kew Observatory														6=Stating to-day in 15h. and 18h. reports (Hour frost in 1h. and 7h. reports).																																									
Westminster (St. James' Pk.)														Max. Time Min. Time														7=Snow (thin layer, often not continuous).																																									
Regent's Pk. (Botanic Gdns.)														0.4 10h 3 0.2 5h 4														8=Snow (deep, impeding traffic, usually a continuous layer).																																									
Camden Square														Minoris														9=Glazed roads (ice on roads from frozen rain or melted snow).																																									
Kensington Palace																																																																					
Hamstead Observatory																																																																					
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.														BEAUFORT NOTATION OF WEATHER.														THE BEAUFORT SCALE OF WIND.														SEA DISTURBANCE.														TELEGRAPHIC CODE FOR SURFACE VISIBILITY.													
C. & S. December, 1895.														b blue sky (not more than a quarter covered with cloud).														0=no swell														0. Dense fog.																											
STATIONS.														bc sky partly cloudy (one half covered).														1=mod. swell														1. Thick fog.																											
Sunrise.														c generally cloudy														2=heavy swell														2. Fog.																											
Noon.														d drizzle. e wet air. g gloomy. f fog, visibility 200-1000 m.														3=no swell														3. Moderate fog.																											
Sunset.														F thick fog, less than 200 m.														4=mod. swell														4. Mist or haze.																											
Greenwich														m mist, 1000-12000 m.														5=heavy swell														5. Poor visibility.																											
Wick														h hail. i intermittent. jp precipitation within sight of station.														6=rather rough sea.														6. Moderate.																											
Valentia														EQ line equal. l lightning. o overcast sky. p passing showers. q squally. r rain. s snow. t sleet. u thunder. v ugly, threatening sky. w dew.														7=rough sea.														7. Good.																											
																												8=very rough sea.														8. Very good.																											
																												9=mountainous sea.														9. Excellent visibility, beyond 51 miles.																											

LONDON OBSERVATIONS.

Day 15h, New & Croydon.

15h, Kensington.

15h, other stations.

Kew 18 | cm | cm | cm | 49 | 38 | 28 | 7 | 0.0 | 0.0 | 0.0 | 85 | 98 | 2 |Croydon 24 | cm | cm | cm | 48 | 37 | 31 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2 |Greenwich (Royal Obs.) 148 | cm | cm | cm | 48 | 35 | 26 | 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2 |City (Bunhill Row) 80 | cm | cm | cm | 50 | 38 | 30 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2 |Westminster (St. James' Pk.) 27 | cm | cm | cm | 50 | 38 | 30 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2 |Regent's Pk. (Botanic Gdns.) 108 | cm | cm | cm | 47 | 37 | 30 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2 |Camden Square 110 | cm | cm | cm | 49 | 38 | 28 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2 |Kensington Palace 80 | cm | cm | cm | 47 | 35 | 25 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2 |Hampstead Observatory 480 | cm | cm | cm | 47 | 35 | 25 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2 |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

4th Dec. 1928.

STATIONS. Hour. | Hour. | Hour. |Yarmouth 7.49 | 11.44 | 15.38 |Greenwich 7.51 | 11.51 | 15.51 |Wick 8.48 | 12.3 | 15.26 |Valentia 8.32 | 12.31 | 16.29 |Valentia 8.24 | 12.32 | 16.29 |

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).

bc sky partly cloudy (one half covered).

c generally cloudy

d drizzle. e wet air. g gloomy.

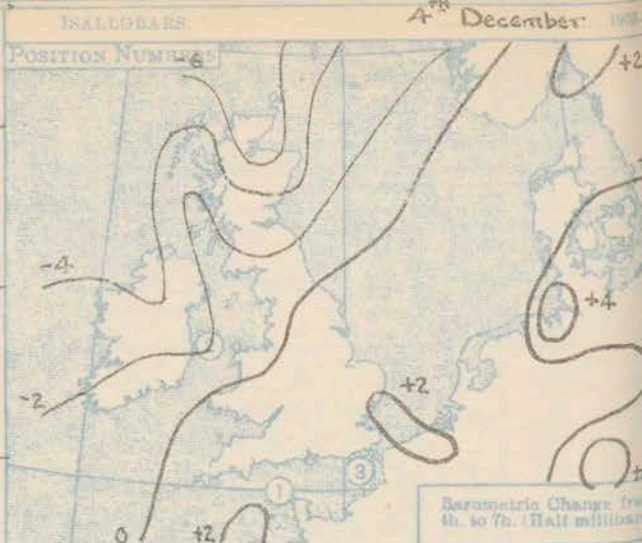
f fog, visibility 200-1000 m.

P thick fog, " less than 200 m.

m mist, " 1000-12000 m.

SUMMARY FOR THE PAST 24 HOURS

STATIONS	WEATHER				TEMPERATURE			RAINFALL				Sun Hours
	7h-12h 3 rd	12h-18h 3 rd	18h-24h to 1h-4 th	1h-7h 4 th	MAX. Day 7h-12h	MIN. Night 12h-18h	MIN. on 18h-24h	mm. Day 7h-12h	mm. Night 12h-18h	mm. 18h-24h	Hours	
Lerwick	bcc	cpr bc	bcp rbc	cpr	45	42	.	0.3	13.30	0.1	21.00	0.5
Stornoway	bcp r	c	b-bc	r-d	43	40	.	1	8.00	2	21.00	0.0
Wick	cpr c	bcc	c	cpr	42	37	.	0.4	.	0.1	6.30	0.0
Tiree	cpr c	c	cay	p d c	47	43	38	1	8.00	0.2	3.30	0.0
Nairn	bcc bc	bc	bca	bc	41	36	.	.	.	.	.	0.0
Aberdeen	bcc bc	bcb	bz	bcc	42	36	28	.	.	.	.	0.3
Malin Head	cp	cr	b bca	bcc	47	37	.	0.4	9.00	.	.	0.0
Benfrew	cm	cm	cbcm	cm	44	32	26	.	.	.	.	0.0
Edinburgh(Inchkeith)	com	ommmbc	bcm bcc	bcc	43	39	35	.	.	.	.	0.0
Leuchars	c	cm bca	cb bca	bca	41	31	25	.	.	Tr	.	0.0
Edinburgh	c	c	bca	bca	40	23	20	.	.	.	.	0.0
Tynemouth	bcm	cbcm	bcc	bcm	43	32	28	.	.	.	.	0.0
Blackhead Point	c	c	cay	p c ay	49	45	.	0.1	.	0.1	.	0.0
Donaghadee	bcc bc	bccm	bcm bc	bcc	45	35	.	.	.	.	.	1.6
Birr Castle	c	c	c	c	47	33	22	.	.	.	.	0.0
Holyhead	bcc c	c	bcm bca	bccm	48	38	34	0.1	12.30	.	.	0.0
Liverpool (Bidston)	c	cm	wbm x	bcm	45	34	29	.	.	.	.	0.1
Chester (Sealand)	cm z	czbcm	bcbm	f bmx	45	27	21	.	.	.	.	0.0
Harrogate	bcc c	cb	b	bcc	43	32	25	Tr	9.00	.	.	0.0
Spurn Head	c	cb	bc	bca	47	38	.	Tr	8.00	Tr	.	0.0
Birmingham(Fdgaston)	d m bc	bcm c	c m	cbcm	45	33	22	Tr	8.00	.	.	0.1
Cranwell	orc	cd c	cb	f m	45	29	22	Tr	14.30	.	.	0.2
Gorleston	om d m	om d c	cb	cb c	48	35	33	1	8.00	.	.	0.0
Valentia(Cahiroiveam)	c	c	cbcc	cpr id	47	44	39	.	.	1	3.30	0.0
Roche Point	b	b	bw	bca id	46	37	.	.	Trace	.	.	0.0
Pembroke(St. Ann's H.)	c	bc	bc	bcm	47	39	.	.	.	.	.	0.1
Ross-on-Wye	pc	c	com	om cm	47	35	26	0.2	8.00	.	.	0.0
Leafield	c	c	cw	bcc	46	34	31	.	Tr	.	.	0.3
Winchester (Worthy Dc)	bcm fcc	c	cbcm	bcm fcc	49	33	24	.	Tr	.	.	0.3
S. Farnborough	cd c	com	om	om fcc	49	33	24	Tr	9.00	.	.	0.1
London (Kew Obs.)	cm d	cm om	om	cw	49	38	28	Tr	9.00	Tr	.	0.0
Croydon	com fcc	om fcc	om bcm	bcm cfw	48	37	31	0.6	9.00	.	.	0.0
Shoeburyness	om	om	cm	bcm x	49	35	26	Tr	12.30	.	.	0.0
Glaston-on-Sea	coz	ogp d c	ogc	og c bc	48	37	34	0.1	12.30	.	.	0.0
Felixstowe	cid c	om d	cz bc	bw x	48	34	30	Tr	8.00	.	.	0.4
Lymington	cm d m	om d m	om c	cm	48	40	37	0.2	12.30	0.1	21.00	0.0
Scilly (St. Mary's)	obt c	cort c	cid bcc	cd d	54	45	.	2	11.00	1	24.00	1.2
Falmouth (Pendennis)	cm d bc	cb c	bcc	c	53	45	.	0.2	9.00	.	.	1.0
Plymouth (Cattewater)	cd m	cbcm	b c	bcc	53	42	37	0.1	8.00	.	.	0.0
Portland Bill	c	c	cz	cbm	53	38	.	.	.	.	.	0.0
Southampton (Calshot)	bc bc c	cm	c	cbcm	49	38	33	.	.	.	.	0.2
Dungeness	cd c	om d m	om c bc	bcc	51	40	.	Tr	13.30	.	.	0.0
Guernsey	cd d m	bcc rcc	cd om	cc	54	47	.	2	8.00	0.2	21.00	1.9



Observations from Cross Channel Steamers

Position	Date and Time	Steamship	Wind		Weather	Temp.	
			Dir.	Force		Air	Sea
2	3 rd 10h	Scotia	NW	4	c	47	52
3	4 th 2h	Arundel	NE	3	bc-	50	55

GENERAL INFERENCE.

An anticyclone moving eastwards over France and Southern England will maintain quiet weather with local fog in the South while secondaries moving along our northwest seaboard will cause in the North unsettled weather with strong southwesterly winds.

Districts. Forecasts for the 24 hours commencing 12 Noon GMT Tuesday, 4th December, 1928.

Further Outlook.

1. S.E. England	Light indefinite winds; cloudy and bright periods but rather widespread fog; local drizzle; moderate temperature by day; ground frost at night.	
2. E. England		
3. E. Midlands		
4. W. Midlands	Light variable winds, freshening from southwest; cloudy, local drizzle and mist, perhaps fog; moderate temperature.	Less settled generally.
5. S.W. England		
6. South Wales	Moderate to strong southerly to southwesterly winds, stronger locally at times; cloudy periods; occasional local rain or drizzle; some mist; rather mild.	
7. North Wales		
8. N.W. England		
9. N. Midlands	As 1 - 3.	
10. N.E. England		
11. S.E. Scotland		
12. S.W. Scotland		
13. A.W. Scotland		
14. N.W. Scotland		
15. Mid-Scotland		
16. N.E. Scotland		
17. Orkneys and Shetlands	As 7 - 8.	
18. N.W. Ireland		
19. N.E. Ireland		
20. S.E. Ireland		
21. S.W. Ireland		

South Cone hoisted at 8h. 25m. this morning

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... Tuesday, 4th December..... 1928

No. 339

Page 4.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 3rd December

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUN- SHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Fore- noon.	After- noon.	Min. 9h. to 9h. 30.	Max. 9h. 30. to 9h.	Night 9h. to 9h. 30.	Day 9h. 30. to 9h.	Sunrise to Sunset.								
Berwick-on-Tweed	oc	oc	35	41	-	-	0.0	Bade	cdmc	ca	44	51	1	-	0.7
Douglas (I. o. M.)	oc	oc	40	45	2	-	0.0	Pearrance	cd	cd	47	54	1	0.2	0.1
Llandudno	c	c	41	48	3	-	0.0	Paignton	cm	cm	44	52	-	Trace	0.0
Colwyn Bay	c	c	43	48	2	-	0.0	Torquay	cm	cd	45	53	-	Trace	0.0
Rhyl	c	c	43	47	0.5	-	0.0	Jersey	bc	c	43	56	0.1	-	3.2
Wallasay	c	c	40	45	1	-	0.0	Weymouth	cc	cb	42	54	-	-	0.0
Southport	c	c	43	48	2	-	0.0	Bournemouth	cb	c	40	50	0.3	Trace	0.6
Blackpool	c	c	43	45	1	-	0.0	Venlner	rb	od	40	50	0.3	Trace	0.6
Ilkley	c	c	43	45	1	-	0.0	Pertsmouth (S'thsea)	bc	cm	36	51	1	-	0.7
Cleethorpes	c	c	43	45	1	-	0.0	Bognor	c	dc	37	51	0.3	Trace	0.1
Skewness	c	c	43	45	1	-	0.0	Littlehampton	cm	c	37	52	0.3	-	0.0
Aberystwyth	c	c	43	45	1	-	0.0	Worthing	c	c	37	51	Trace	-	0.3
Bath	c	c	43	45	1	-	0.0	Brighton	cc	cc	38	51	-	-	0.2
Cheltenham	c	c	43	45	1	-	0.0	Eastbourne	c	cc	42	50	Trace	Trace	0.1
Leamington Spa	c	c	43	45	1	-	0.0	Hastings	mc	cc	39	51	1	0.4	0.2
Lowestoft	c	c	43	45	1	-	0.0	Folkestone	cm	cm	39	50	-	Trace	0.0
Hartich & Dovercourt	c	c	43	45	1	-	0.0	Dover	mc	mc	41	49	-	0.1	0.0
Maldon	c	c	43	45	1	-	0.0	Tunbridge Wells	od	om	37	43	Trace	Trace	0.0
Southend	c	c	43	45	1	-	0.0	Ravensgate	cm	cm	41	48	0.2	-	0.0
	c	c	43	45	1	-	0.0	Margate	c	c	43	49	Trace	-	0.0
	c	c	43	45	1	-	0.0	Deal	c	cc	41	49	-	Trace	0.0

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received.

2 The observations with G.M.T. and, at Guernsey, the sunshine readings are from an auxiliary station

1 For code see page 1.

†† See footnote page 1

At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-0h. & 12h.-0h.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 24485.

Wednesday 5th December 1928

Page 1.

BRITISH SECTION.

No. B. 24485.

Wednesday 5th December, 1928.

Page 1.

Observations at 13h. G.M.T. 4h.	STATIONS.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	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Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.	Barom. at M.S.L.
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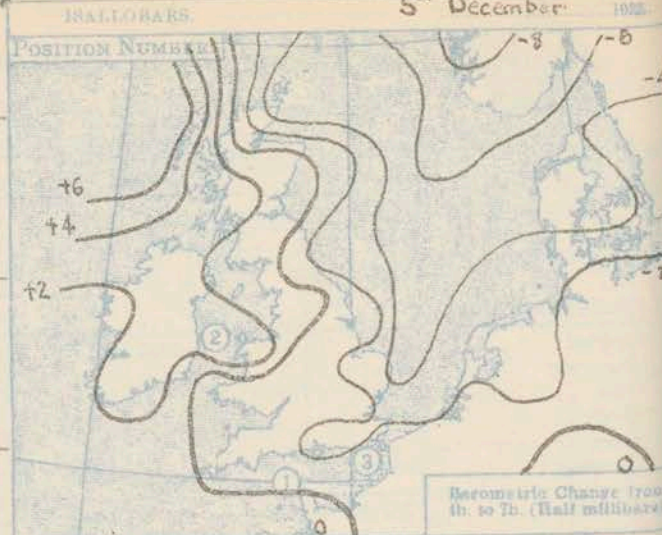
† Trace = rain has fallen, but amount less than 0.1 mm.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

5th December 1925

SUMMARIES FOR THE PAST 24 HOURS.													BOX
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				Hour.	
	7h-12h 4h	12h-12h 4h	12h-12h to 12h-5h	1h-7h 5h	MAX. Day.	MIN. Night.	MIN. on Grass.	Day.	Th-12h	Night.	12h-7h		
	mm.	mm.	mm.	mm.	Th-12h	12h-7h	Grass.	mm.	mm.	mm.			
Lerwick	c o r r	c p r	c o r r	c o r r	50	45	.	6	18.00	3	121.00	0.0	
Stornoway	p	r-d	p	p	51	44	.	1	18.00	6	121.00	0.0	
Wick	c r r c	c	c r r c	b l c c	48	44	.	0.4	18.00	1	124.00	.	
Tirrie	c o d	r r r	c o r r	r c b c	49	45	41	2	18.00	2	121.00	0.0	
Nairn	b c	b c g	b c g	c p r	51	45	.	-	-	0.4	125.00	0.1	
Aberdeen	c o r r	c r r c	c m	c b c b	49	45	39	0.5	11.00	-	-	0.0	
Malln Head	c z	c c	c d	b o p h r	52	48	.	Tr.	17.30	1	122.00	0.0	
Renfrew	c d c	c d c	c o r r	c o r r	48	46	42	0.1	9.00	3	122.00	0.3	
Edinburgh (Inchkeith)	c c	c	c r c	c b c b	47	46	44	-	-	Tr.	124.00	0.0	
Leuchars	c x c x	c m d g	c d b c	c b c g	47	46	41	Tr.	16.30	Tr.	121.00	0.0	
Bekdalemuir	c o d m	c o d m	c o d m	c o d m	44	43	41	2	11.00	6	121.00	0.0	
Tynemouth	b c m	b c m	b c	b c o d	42	40	35	-	-	0.3	123.00	.	
Blackod Point	c o y	d c g	p o b g	p o g y	53	48	.	0.1	-	1	-	.	
Donsghades	c	c	c i d	i d b c	47	43	.	Tr.	17.30	0.6	121.00	.	
Birr Castle	c	c m	c i d	c i d b	51	43	32	-	-	1	121.00	0.8	
Holyhead	c m	c, d	c d b c	b c p r	49	49	47	0.1	16.30	0.5	121.00	0.0	
Liverpool (Bidston)	c m c m	c z c m	c m b c	c o c p	41	38	34	-	-	Tr.	123.00	0.2	
Chester (Sealand)	c m b c	c m m	b c m	c i d g	39	31	33	-	-	Tr.	123.00	0.2	
Harrogate	c o f	f a c b	b	b b c p	40	37	33	-	-	0.2	123.00	0.0	
Spurn Head	b c c	b c z	b c z	b c c	42	37	.	-	-	-	-	0.2	
Birmingham (Edgbaston)	m c	m b c	m b c	b c	42	35	34	-	-	-	-	0.0	
Cranwell	b c m c	c b c m	c m, c	c	42	34	32	-	-	Tr.	-	0.1	
Gorleston	b c m	b c m e	c m, c	c m, c	43	34	34	Tr.	-	Tr.	-	2.9	
Valentia (Cashirovee)	c o i d	c o i d	c o i d	c o i d	53	50	44	0.3	18.00	1	121.00	0.0	
Roche Point	c o d c	c o i d	c o i d	c b c	51	47	.	1	18.00	1	121.00	.	
Pembroke (St. Ann's H.)	c f b c c	c	c o d i r	c o r r m	51	45	.	-	-	2	121.00	0.9	
Rose-on-Wye	c m	c m o f	c o f o m	c b c c	41	37	34	-	-	-	-	0.2	
Lesfield	c o m	c m	f f o	c f f o	41	35	33	-	-	-	-	0.4	
Winchester (Worthy Des)	c o f e b m	b f f o f	b f f	b f f o m	43	29	26	Tr.	-	0.1	-	1.1	
S. Farnborough	c f x c m	b c m o f e	c o f b m	c m o d	45	30	22	Tr.	-	Tr.	6.30	0.4	
London (Kew Obay)	c h w	b c b f w	c f w o f w	c f w o f w	44	33	29	-	-	Tr.	-	0.0	
Croydon	c b e f f	b e f m, w	b c m w	b, c m	47	38	34	-	-	-	-	0.5	
Shoeburyness	b c	b c b m	b m x	c m	49	35	28	-	-	-	-	4.4	
Clacton-on-Sea	b c z	b c z	b c z m	b c m c	48	40	37	-	-	-	-	4.1	
Felixstowe	b c m	b c z b m	b a m	c m	49	41	38	-	-	-	-	3.9	
Lymington	b c m	b c m	b b c m	c m	49	38	30	-	-	-	-	3.7	
Scilly (St. Mary's)	c d e	c	c o i d	c i d b c	51	47	.	0.5	18.00	1	121.00	1.7	
Falmouth (Pendennis)	c	c b c	b c c	c b c d	49	44	.	-	-	Tr.	4.30	0.5	
Plymouth (Cattewater)	c m	c b c m	b c m b	b w c r	50	41	37	-	-	0.1	4.30	0.0	
Portland Bill	b c m	c b c m	b c c	c c o d	45	43	.	-	-	Tr.	6.30	.	
Southampton (Calshot)	b c m c f	c m f	c f f e	c f f e	44	35	29	Tr.	-	0.2	121.00	0.6	
Dunstable	c	c b c	b c m b c	c	51	39	.	-	-	-	-	.	
Guernsey	c m	c	c b c b c	b c c i r	50	48	.	-	-	0.5	4.30	0.1	



Position.	Date and Time.	Steamship.	Wind.		Weather.	Temp.		Windspeed.
			Dir.	Force.		Air.	Sea.	
2	4 th 10h	Scotia	SW	4	ct	48	52	7
5	5 th 2h	Dieppe	NNW	4	c	50	53	6

A ridge of high pressure spreading from the Atlantic to the British Isles will give rise to brighter weather with sunny intervals in all districts; there will, however, be some further local rain or drizzle.

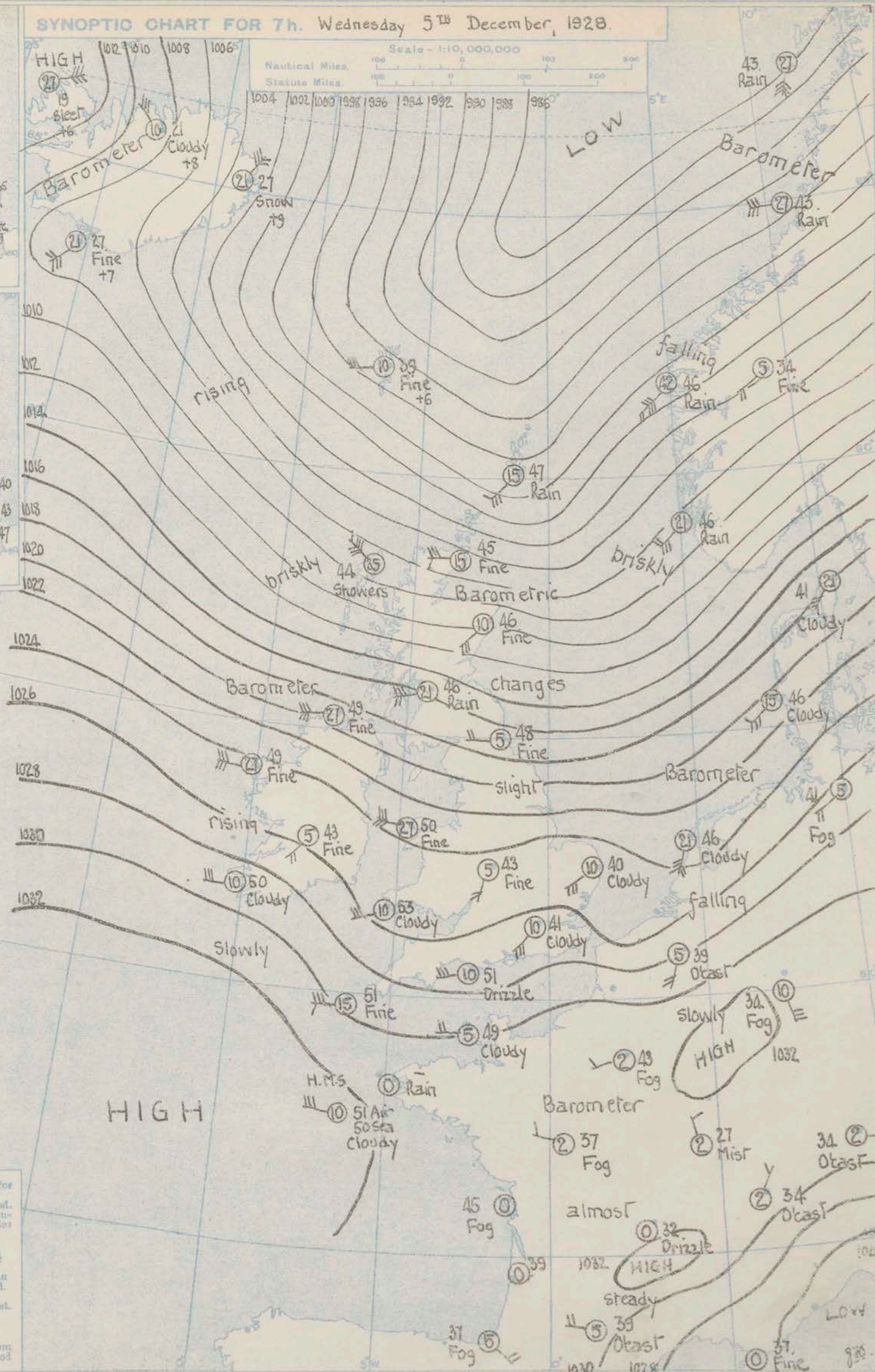
Meteorological Office: Air Ministry, Kingsway, London, W.C.2.

1020 G.M.T.

SYNOPTIC CHART FOR 7h. Wednesday 5th December, 1928.

Scale - 1:10,000,000

Nautical Miles
Statute Miles



EXPLANATION.
Isobars are drawn for intervals of two millibars.
Arrows fly with the wind.
Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.
Clear sky. ☐ sky less than 1/4 clouded.
☐ sky 1/4 to 1/2 clouded.
☐ sky 1/2 to 3/4 clouded.
☐ sky more than 3/4 clouded.
☐ overcast sky.
☐ rain falling.
☐ snow. ☐ hail. ☐ fog. ☐ mist.
☐ thunder. ☐ thunderstorm.
SEA DISTURBANCE.
☐ Rough. ☐ Very Rough.
☐ Icy. ☐ Barometric change from 10.0 to 10.5 in half millibars is entered in the word for weather.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION Wednesday, 5th December

1928.

No. 340.

STATIONS.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 5h.											Observations at 7h. G.M.T. 5h.											Sea.						
		Barom. at M.S.L. in mb.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility 3.	Cloud.			Barom. at M.S.L. in mb.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility 3.	Cloud.									
				Direc.	Force.					Height.	Form.	Amt.			Direc.	Force.					Height.	Form.	Amt.							
																									Low.	Upper.	Total.	Low.	Upper.	Total.
Lerwick	54	1000.7	-1	SW	5	o.c.	49	92	7	1500	Nb	10	997.3	-1	SW	4	o.c.	47	85	7	1500	Nb	10	-	10					
Stornoway	50	1006.6	-1	SW	6	bc/PR			7				1007.7	+6	NW	7	bc/PR	44	85	7	4000	CuNb	6	-	6					
Wick	81	1006.2	-3	WSW	2	cl	48	97	8	1500	CuNb	6	1004.8	-1	W	4	bc	45	85	8	1500	StCu	3	-	3					
Tiree	22												1015.6	+4	NW	6	bc	48	75	8	2500	Cu	2	-	2					
Nairn	83												1008.9		W	4	cl/PR	45	85	8	800	Nb	8	-	8					
Aberdeen	37												1010.4	+1	SW	3	b	46	65	7	4000	StCu	1	-	1					
Malin Head	51	1016.8	+2	W	5	bc/p	50	85	7	4000	CuNb	1	1019.4	+3	W	6	bc/p	49	85	8	4000	CuNb	3	10	3					
Kenfrew	30												1016.7	+2	WSW	5	cl	46	85	8	2500	CuNb	9	-	9					
Edinburgh(Inchkeith)	100	1013.6	-1	SW	5	c	49	92	8	1500	St	2	1013.9	+1	W	6	bc	47	85	8	2500	Nb	4	10	4					
Leuchars	30												1013.4	+2	SW	6	bc	46	75	8	2500	StCu	3	-	3					
Eskdalemuir	794												1016.4	0	W	7	bc	44	75	8	1500	StCu	2	-	2					
Tynemouth	87	1019.2	-3	SW	3	bct	47	85	7	1500	Cu	5	1017.5	-2	W	2	bc/d	48	92	7	1500	Cu	5	-	5					
Blackhead Point	18	1020.7	+2	W	6	bc	50	65	8		CuNb	5	1020.0	+1	W'N	6	bct	49	75	8		CuNb	6	-	6					
Donaghadee	40												1021.3	+2	W	3	bct	44	85	8	4000	StCu	3	10	3					
Birr Castle	173												1025.7	0	SW	3	b	43	92	7	2500	StCu	2	-	2					
Holyhead	30	1022.6	-3	SW	4	bc	50	97	6	2500	St	3	1023.5	+3	WNW	6	b	50	85	7	2500	St	1	-	1					
Liverpool (Bidston)	185												1022.8	+1	W	5	c	49	85	7	2500	Nb	9	-	9					
Chester (Sealand)	16												1022.7	+3	W'N	4	cd	51	85	7	1500	St	8	-	8					
Harrogate	478												1020.7	0	SW	4	b	46	85	8	4000	Nb	1	10	1					
Spurn Head	29	1024.3	-2	SW	4	bc	38	92	5	1500	St	4	1021.1	-1	WSW	4	c	43	97	6	4000	CuNb	9	-	9					
Birmingham (Edgbaston)	535												1024.8	-1	SSW	2	bc	43	97	6	450	St	3	10	3					
Cranwell	230	1026.3	-3	WSW	3	cl	40	92	6	2500	St	8	1023.9	-2	SW'W	4	c	44	97	6	2500	St	5	10	5					
Gorleston	14	1027.5	-2	SW'S	3	c	40	97	3			0	1025.4	-2	SW'S	3	c	40	92	5	1500	Nb	5	10	5					
Valentia(Cahiroiveen)	30	1024.7	-1	SSW	4	o.c.	52	97	6		St	10	1028.5	+2	W	3	c	50	65	8	2500	StCu	8	-	8					
Roches Point	22												1027.3	+3	NW	3	bc	45	92	8	2500	StCu	4	-	4					
Pembroke(St. Ann's H.)	160	1026.2	-1	WSW	3	cd	52	92	7	800	St	10	1026.4	-1	WSW	3	cl	53	92	8	1500	StCu	10	-	10					
Ross-on-Wye	233												1026.0	-1		0	c	49	85	8	2500	StCu	9	-	9					
Leafield	412												1025.3	-1	SSW	3	ff	42	97	2	1500	St	10	-	10					
Winchester(Worthy Dn.)	272												1027.8	-2	SSW	3	c	41	97	5	1500	StCu	10	-	10					
S. Farnborough	237												1027.3	-2	WSW	2	cl/d	41	97	6	800	Nb	9	-	9					
London (Kew Obs.)	18						36						1026.9	-2	SW	3	c	41	97	5	1500	StCu	9	10	9					
Croydon	244	1029.1	-2	SW'W	3	b	39	92	6			0	1026.8	-2	SW'S	4	c	42	85	6	1500	St	10	-	10					
Shoeburyness	11												1026.7	-1	SW'S	3	c	43	97	6	2500	StCu	8	-	8					
Clacton-on-Sea	54												1026.7	-2	SW	4	c	43	92	6	7200	StCu	8	-	8					
Felixstowe	15												1026.3	-1	SW	4	c	43	85	5	800	StCu	7	10	7					
Lymington	360	1028.5	-2	WSW	2	c	43	97	6	1500	St	9	1027.4	0	W'S	3	c	43	85	6	2500	StCu	10	-	10					
Scilly (St. Mary's)	163	1023.6	-2	W'S	4	c	50	97	8	4000	StCu	8	1028.5	0	W	4	bc	51	97	8	4000	StCu	5	-	5					
Falmouth (Pendennis)	300	1029.1	-1	W	2	cl	49	97	7	4000	StCu	10	1028.4	-1	W'N	3	bcd	50	97	7	4000	CuNb	5	-	5					
Plymouth(Cattewater)	82												1027.6	-1	W	2	cd	50	97	7	800	St	9	-	9					
Portland Bill	52	1028.7	-1	WSW	4	cl	49	85	8	2500	Nb	10	1027.4	-1	W'S	3	cd	51	85	8	1500	St	9	10	9					
Southampton (Calshot)	10	1029.2	-2		0	FF	36	97	0	1500	St	10	1027.6	-2	WSW	3	cd	44	97	6	800	St	9	-	9					
Dungeness	20	1029.4	-2	WSW	3	cl	49	85	7	2500	Cu	9	1028.4	-2	W	3	c	47	85	7	4000	StCu	9	-	9					
Guernsey (Fort George)	200	1030.6	-1		0	cl	47	92	8	2500	StCu	10	1030.0	0	W	2	cl	49	97	8	1500	StCu	9	-	9					

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 4th December.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Forenoon.	Afternoon.	Min. 9h. to 4h.	Max. 4h. to 9h.	Night 12h. to 3h.	Day 9h. to 12h.	Sunrise to Sunset.								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)								
Berwick-on-Tweed	c	c	33	45	-	-	0.0	Bede ...	...	...	35	48	Trace	-	0.8
Douglas (I.o.M.) ...	co	o	37	49	-	-	0.0	Penzance ...	...	...	44	49	0.2	-	0.2
Llandudno ...	c	c	36	46	-	-	0.1	Paignton ...	...	...	40	51	-	-	0.8
Colwyn Bay ...	cbcc	c	37	47	-	-	0.2	Torquay ...	...	...	43	51	-	-	0.9
Rhyl... ..	bc	cbcc	32	43	-	-	0.4	Jersey ...	...	...	47	56	-	-	(1.3)
Wallasey ...	ccf	cbccf	34	42	-	-	0.0	Weymouth ...	...	...	35	44	-	-	0.5
Southport ...	mecc	cccb	32	40	-	-	0.0	Bournemouth ...	...	...	32	43	-	-	0.1
Blackpool ...	omc	co	32	40	-	-	0.0	Ventnor ...	...	...	41	48	-	-	0.8
Hikley ...	xccg	cm	25	42	-	-	0.0	Portsmouth (S' thea)	...	...	39	47	-	-	0.6
Cleethorpes... ..	cccf	o	20	41	-	-	0.1	Bognor ...	...	...	40	48	-	-	1.4
Skegness ...	bccx	bcbcc	32	42	-	-	1.3	Littlehampton ...	...	...	37	48	-	-	1.3
Aberystwyth ...	cbcc	co3	34	47	-	-	1.5	Worthing ...	...	...	39	48	-	-	0.9
Bath ...	mc	mc	36	41	-	-	0.0	Brighton ...	...	...	41	49	-	-	1.1
Cheltenham ...	om	om	34	42	-	-	0.0	Eastbourne... ..	...	...	40	48	-	-	2.7
Leamington Spa ...	om	om	29	41	-	-	0.0	Hastings... ..	...	...	41	50	0.2	-	3.9
Lowestoft ...	bc	bc	36	46	-	-	3.5	Folkestone ...	...	...	41	50	1	-	1.6
Harwich & Dovercourt	xbc	bcm	35	48	Trace	Trace	5.0	Dover ...	...	...	42	49	0.6	-	0.0
Malden ...	mb	bc	31	48	-	-	3.6	Tunbridge Wells ...	...	...	37	48	-	-	2.4
Southend ...	ccbm	bcm	37	50	-	-	4.1	Ramsgate ...	...	...	43	49	-	-	1.2
								Margate ...	...	...	44	47	-	-	2.4
								Deal ...	...	...	40	47	-	-	2.4

TERMS OF SUBSCRIPTION.—6/- per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received.

† The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station.

‡ For code see page 1.

†† See footnote page 1.

‡ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡‡ 12h.-9h.

BRITISH SECTION.

No. B. 24486

Thursday 6th December 1928.

Page 1.

Observations at 13h. G.M.T.															Observations at 13h. G.M.T.														
STATIONS.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. of.	Humidity. %	Visibility. f.	Cloud.				Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. of.	Humidity. %	Visibility. f.	Cloud.				Sea.				
			Direc.	Force					Low.	Upper	Total	Direc.			Force	Low.					Upper	Total							
																							Height	Form		Amt.	Height	Form	Amt.
(For heights see p. 4).	mb.		0-12					0-9	Feet	0-10	0-10	State of ground.	mb.		0-12					0-9	Feet	0-10	0-10	0-3					
Lerwick	1022.8	+3	W	6	c/p	45	65	7	1500	CuNb	4	A.Cu	8	1042.9	+2	SW	6	c/hp	43	85	7	1500	CuNb	8	-	8	-		
Stornoway	1013.8	+5	NW	4	bc/h	44	75	7	4000	Cu	3	-	3	1016.2	+3	NW	8	bc/hp	41	85	7	4000	CuNb	7	-	7	4		
Wick	1010.3	+4	W	3	bc	43	85	8	2500	CuNb	2	C.St	4	1014.5	+4	W	3	bc	38	75	8	2500	StCu	3	-	3	0		
Tiree	1019.8	+1	WNW	7	b	47	65	8	2500	CuNb	1	-	1	1020.7	+1	WNW	6	b	46	75	8	2500	CuNb	2	-	2	4		
Nairn	1015.1	+5	W	4	b	47	65	8	2500	Cu	1	-	1	1017.2	+2	W	2	bc	38	75	8	2500	Cu	4	-	4	-		
Aberdeen	1015.1	+5	W	4	b	47	65	8	2500	Cu	1	-	1	1018.0	+3	WSW	3	b	41	65	8	-	-	0	-	0	0		
Malin Head	1013.5	+3	W	6	bc/p	47	85	8	4000	Cu	3	A.Cu	4	1023.7	+1	W	5	bc/p	46	85	8	4000	Cu	3	-	3	4		
Renfrew	1020.9	+3	W	4	bc/p	46	75	7	2500	CuNb	3	-	3	1021.9	+1	WSW	4	b	42	75	8	-	-	0	-	0	-		
Edinburgh (Inchkeith)	1017.7	+3	W	6	bc	47	75	8	4000	Cu	2	A.Cu	3	1020.3	+3	W	4	b	43	75	8	1500	St	1	-	1	3		
Leuchars	1017.4	+3	W	6	b	46	65	8	4000	Cu	1	Ci	1	1019.8	+4	W	4	b	42	65	8	-	-	0	-	0	-		
Bakkelemyr	1020.2	+1	W	6	bc	45	65	8	1500	St	6	-	6	1023.6	+3	SWW	2	bc	40	85	8	1500	StCu	3	-	3	-		
Tynemouth	1010.6	+3	W	2	bc	48	75	7	1500	Cu	5	-	5	1022.8	+3	W	2	bc	44	75	6	1500	Cu	4	-	4	1		
Blackad Point	1027.0	+3	W	4	bc+	49	75	8	4000	StCu	6	A.Cu	7	1024.6	+1	W	4	bc	48	65	7	-	-	0	-	0	5		
Donaghadee	1024.1	+1	W	2	bc+	48	75	8	4000	StCu	3	CiCu	4	1024.7	+1	W	2	bc	42	85	7	4000	StCu	3	-	3	2		
Birr Castle	1026.7	+1	WSW	3	C+	50	85	8	4000	StCu	8	-	8	1027.1	+1	SW	2	C	42	85	7	800	St	8	-	8	-		
Holyhead	1026.4	+1	WNW	5	b	51	85	8	2500	Cu	1	Ci	2	1027.1	+1	W'S	2	bc	47	92	7	2500	StCu	4	-	4	1		
Liverpool (Bidston)	1025.2	+1	W/N	6	b	48	85	7	-	-	0	Ci	1	1026.8	+1	W/N	3	b	45	85	7	4000	StCu	1	-	1	-		
Chester (Sealand)	1025.3	+1	W/N	5	bc	51	65	6	4000	Cu	2	Ci	3	1026.5	+2	W'S	2	mb+	40	85	4	-	-	0	-	0	-		
Harrogate	1023.6	+2	SW	3	C	47	75	8	4000	Nb	8	-	8	1025.8	+2	SW	3	b	42	85	7	-	-	0	-	0	-		
Turn Head	1022.8	+1	W/N	4	bc	48	85	6	2500	St	4	CiCu	6	1025.2	+2	W	4	bc	44	85	6	1500	St	4	-	4	3		
Birmingham (Edgbaston)	1026.4	+1	W	3	bc	49	65	6	-	-	0	Ci	6	1028.4	+2	W	2	fb+	43	75	3	-	-	0	-	0	-		
Cranwell	1025.0	+1	W	4	bc	48	85	6	-	-	0	CiSt	6	1026.6	+2	W	1	bc	41	92	6	-	-	0	-	0	-		
Gorleston	1024.5	0	W'S	2	bc	47	85	6	-	-	0	A.Cu	5	1026.1	+2	WSW	2	b	43	92	5	-	-	0	-	0	0		
Valentia (Cahiriveen)	1023.4	-1	NW	3	C	52	75	8	2500	StCu	9	-	9	1027.8	-2	-	0	C	48	85	8	2500	StCu	9	-	9	2		
Bochea Point	1019.4	-1	W	2	bc	50	75	8	2500	StCu	2	Ci	5	1028.7	0	W	3	C	48	85	8	1500	StCu	8	-	8	0		
Pembroke (St. Ann's H.)	1023.1	+1	WNW	3	bc	51	75	8	2500	Cu	2	Ci	6	1027.9	0	NW	2	bc	50	85	8	2500	Cu	2	-	2	1		
Rose-on-Wye	1026.6	+1	NW	2	bc	51	65	8	4000	Cu	1	Ci	5	1027.3	+2	SW	1	b	43	85	8	4000	StCu	1	-	1	-		
Leafield	1026.5	+2	NW	4	bc	50	65	8	4000	StCu	1	CiSt	3	1028.4	+2	W	2	b	41	75	8	5700	StCu	1	-	1	-		
Winchester (Worthy Dn)	1027.2	0	SW	2	C	49	97	6	800	StCu	9	-	9	1028.1	+1	NW	1	b	39	92	7	-	-	0	-	0	-		
S. Farnborough	1027.1	0	WSW	3	bc	51	85	6	800	St	3	A.Cu	7	1028.6	+3	W/N	1	b	39	92	5	-	-	0	-	0	-		
London (Kew Obsv.)	1027.0	-1	WSW	2	bc	49	97	5	1500	StCu	7	-	7	1028.4	+3	-	0	FFb	40	97	1	-	-	0	-	0	-		
Croydon	1027.0	-1	W	3	C	49	92	6	5700	StCu	9	-	9	1028.0	+1	NW	2	mm	44	97	4	-	-	0	-	0	-		
Shoeburyness	1025.3	-1	WSW	3	C	50	97	6	2500	StCu	9	-	9	1028.0	+2	-	0	b	44	97	6	-	-	0	-	0	-		
Clacton-on-Sea	1026.0	-1	W	1	for	48	92	4	800	St	10	-	10	1027.6	+1	SSW	3	b	44	97	5	4000	StCu	2	-	2	1		
Felixstowe	1026.0	-1	W	1	for	48	92	4	800	St	10	-	10	1027.5	+2	-	0	mm	45	97	4	-	-	0	-	0	-		
Lympe	1026.7	-1	WSW	3	odg	47	97	3	220	St	10	-	10	1027.6	+1	NW	2	fb+	43	97	1	-	-	0	-	0	-		
Scilly (St. Mary's)	1029.4	0	NNW	3	C	53	92	7	4000	Cu	8	-	8	1029.6	0	-	0	C	50	92	7	4000	StCu	8	-	8	1		
Palmouth (Pendennis)	1028.7	+1	NW	2	bc	54	85	7	4000	Cu	4	A.Cu	6	1029.1	+1	NNW	1	bc	48	92	7	4000	StCu	7	-	7	0		
Plymouth (Cattewater)	1028.5	+1	N	3	C	53	75	8	2500	StCu	9	-	9	1029.1	+1	NNW	2	bc+	48	85	6	4000	StCu	7	-	7	0		
Portland Bill	1027.5	-1	WSW	3	Cd	53	85	6	1500	St	9	A.St	10	1028.0	+1	NW	2	b	50	75	6	4000	Cu	1	-	1	1		
Southampton (Calshot)	1027.4	-1	W	3	C	53	85	7	1500	St	8	-	8	1028.3	+2	NNW	1	bc	46	92	6	2500	StCu	6	-	6	0		
Dungeness	1027.2	-2	WSW	3	odg	50	92	6	800	St	10	-	10	1028.2	+2	WSW	1	b/d	47	97	7	-	-	0	-	0	2		
Guernsey (Fort George)	1025.2	-2	W	2	C	53	85	9	1500	St	9	-	9	1029.3	0	WNW	3	bc	51	97	8	1500	Nb	5	ASr	7	3		
LONDON OBSERVATIONS.															LONDON OBSERVATIONS.														
Day 7h-13h, Kew & Croydon.															Day 7h-13h, Kew & Croydon.														
9h-13h, Kensington.															9h-13h, Kensington.														
9h-13h, other stations.															9h-13h, other stations.														
Kew															Kew														
Croydon															Croydon														
Greenwich (Royal Obsv.)															Greenwich (Royal Obsv.)														
City (Bunhill Row)															City (Bunhill Row)														
Westminster (St. James' Pk.)															Westminster (St. James' Pk.)														
Regent's Pk. (Botanic Gdn.)															Regent's Pk. (Botanic Gdn.)														
Camden Square															Camden Square														
Kensington Palace															Kensington Palace														
Hamstead Observatory															Hamstead Observatory														
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.															TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.														
STATIONS.															STATIONS.														
Sunrise.															Sunrise.														
Noon.															Noon.														
Sunset.															Sunset.														
Yarmouth															Yarmouth														
Greenwich															Greenwich														
Wick															Wick														
Valentia															Valentia														
BEAUFORT NOTATION OF WEATHER.															BEAUFORT NOTATION OF WEATHER.														
b blue sky (not more than a quarter covered with cloud).															b blue sky (not more than a quarter covered with cloud).														
bc sky partly cloudy (one half covered).															bc sky partly cloudy (one half covered).														
c generally cloudy															c generally cloudy														
d drizzle. e wet air. f gloomy.															d drizzle. e wet air. f gloomy.														
f fog, visibility 200-1000 m.															f fog, visibility 200-1000 m.														
F thick fog, " less than 200 m.															F thick fog, " less than 200 m.														
m mist, " 1000-12000 m.															m mist, " 1000-12000 m.														
h hail. i intermittent.															h hail. i intermittent.														
lp precipitation within sight of station.															lp precipitation within sight of station.														
EQ line squall. l lightning.															EQ line squall. l lightning.														
o overcast sky. p passing showers.															o overcast sky. p passing showers.														
q squally. r rain. s snow.															q squally. r rain. s snow.														
rs sheet. t thunder.															rs sheet. t thunder.														
u ugly, threatening sky.															u ugly, threatening sky.														
v unusual visibility. w dew.															v unusual visibility. w dew.														
x hoar frost. y dry air.															x hoar frost. y dry air.														
z dust haze; the turbid atmosphere of dry weather.															z dust haze; the turbid atmosphere of dry weather.														
h(r) " hail" or "rain and hail."															h(r) " hail" or "rain and hail."														
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.															Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.														
R = heavy rain. ro = slight rain. rr = continuous rain.															R = heavy rain. ro = slight rain. rr = continuous rain.														
SYMBOLS.															SYMBOLS.														
< = (less than) (for cloud height).															< = (less than) (for cloud height).														
Θ = before (for precipitation).															Θ = before (for precipitation).														
Θ = solar halo. Ψ = lunar halo.															Θ = solar halo. Ψ = lunar halo.														
With present weather is combined, wherever possible, the general character of the weather.															With present weather is combined, wherever possible, the general character of the weather.														
A "solidus" divides actual existing weather from preceding conditions.															A "solidus" divides actual existing weather from preceding conditions.														
- = has decreased; + = has increased.															- = has decreased; + = has increased.														
SEA DISTURBANCE.															SEA DISTURBANCE.														
0 = no swell. 1 = mod. swell. 2 = heavy swell. 3 = no swell. 4 = mod. swell. 5 = heavy swell. 6 = rather rough sea. 7 = rough sea. 8 = very rough sea. 9 = mountainous sea.															0 = no swell. 1 = mod. swell. 2 = heavy swell. 3 = no swell. 4 = mod. swell. 5 = heavy swell. 6 = rather rough sea. 7 = rough sea. 8 = very rough sea. 9 = mountainous sea.														
The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.															The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.														
Beaufort No.															Beaufort No.														
Statute miles per hour.															Statute miles per hour.														
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.															TELEGRAPHIC CODE FOR SURFACE VISIBILITY.														
0. Dense fog. 1. Thick fog. 2. Fog. 3. Moderate fog. 4. Mist or haze. 5. Poor visibility. 6. Moderate. 7. Good. 8. Very good. 9. Excellent visibility, beyond 31 miles.															0. Dense fog. 1. Thick fog. 2. Fog. 3. Moderate fog. 4. Mist or haze. 5. Poor visibility. 6. Moderate. 7. Good. 8. Very good. 9. Excellent visibility, beyond 31 miles.														

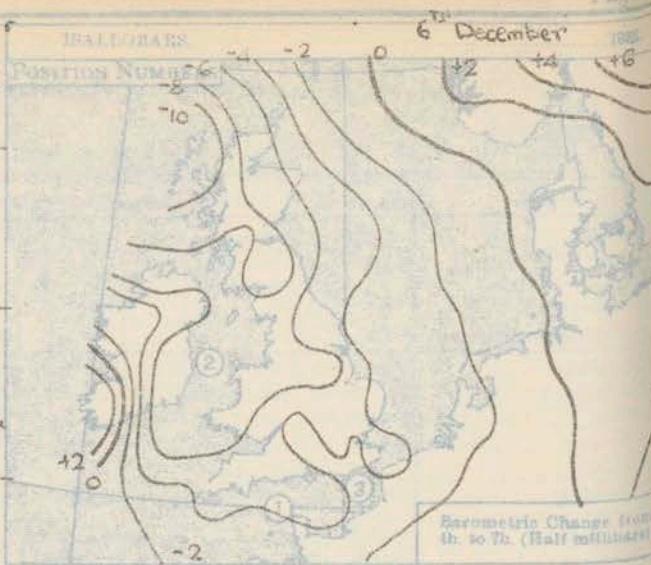
¹ Trace = rain has fallen, but amount less than 0.1 mm.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS	WEATHER				TEMPERATURE			RAINFALL†				Hour
	7h-12h	12h-18h	18h-24h	24h-7h	MAX.	MIN.	MIN.	Day 7h-18h	Night 18h-7h	Day 7h-18h	Night 18h-7h	
	5th	5th	5th	5th	Day 7h-18h	Night 18h-7h	on 7h-18h	mm	mm	mm	mm	
Lerwick	05 bc	05 bc	05 bc	05 bc	47	36	36	5	48.00	4	21.00	0.1
Barnsby	05 bc	05 bc	05 bc	05 bc	46	36	36	4	48.00	1	23.00	2.3
Wick	05 bc	05 bc	05 bc	05 bc	46	37	37	2	48.00	-	-	-
Tiree	05 bc	05 bc	05 bc	05 bc	43	31	31	Tr.	14.30	3	22.00	3.9
Kairn	05 bc	05 bc	05 bc	05 bc	46	36	36	3	48.00	-	-	0.8
Aberdeen	05 bc	05 bc	05 bc	05 bc	43	34	34	-	-	-	-	0.9
Malin Head	05 bc	05 bc	05 bc	05 bc	49	41	41	Tr.	9.00	0.4	21.00	2.1
Renfrew	05 bc	05 bc	05 bc	05 bc	48	41	41	3	48.00	2	24.00	2.8
Edinburgh (Inchkeith)	05 bc	05 bc	05 bc	05 bc	48	41	41	Tr.	48.00	0.6	23.00	4.7
Leuchars	05 bc	05 bc	05 bc	05 bc	47	36	36	-	-	0.4	6.00	6.1
Beldalsmuir	05 bc	05 bc	05 bc	05 bc	46	36	36	1	9.00	Tr.	-	4.4
Tynemouth	05 bc	05 bc	05 bc	05 bc	49	40	40	-	-	-	-	-
Blackhead Point	05 bc	05 bc	05 bc	05 bc	50	43	43	0.1	-	5	3.00	-
Doughhead	05 bc	05 bc	05 bc	05 bc	49	39	39	-	-	2	3.30	-
Birr Castle	05 bc	05 bc	05 bc	05 bc	50	40	40	-	-	1	21.00	1.8
Holyhead	05 bc	05 bc	05 bc	05 bc	51	46	46	-	-	2	3.30	6.1
Liverpool (Bidston)	05 bc	05 bc	05 bc	05 bc	49	46	46	-	-	-	-	5.2
Chester (Sealand)	05 bc	05 bc	05 bc	05 bc	51	44	44	-	-	-	-	0.0
Harrogate	05 bc	05 bc	05 bc	05 bc	48	37	37	-	-	-	-	2.1
Spurn Head	05 bc	05 bc	05 bc	05 bc	48	37	37	-	-	Tr.	-	4.0
Birmingham (Edgbaston)	05 bc	05 bc	05 bc	05 bc	51	35	35	Tr.	9.00	-	-	3.7
Cranwell	05 bc	05 bc	05 bc	05 bc	48	33	33	-	-	-	-	4.2
Gorleston	05 bc	05 bc	05 bc	05 bc	49	34	34	Tr.	-	Tr.	-	1.8
Valentia (Cahirvoeen)	05 bc	05 bc	05 bc	05 bc	52	46	46	-	-	10	21.00	2.1
Roche's Point	05 bc	05 bc	05 bc	05 bc	52	45	45	-	-	6	1.30	-
Pembroke (St. Ann's H.)	05 bc	05 bc	05 bc	05 bc	52	45	45	-	-	1	6.30	6.2
Ross-on-Wye	05 bc	05 bc	05 bc	05 bc	53	48	48	-	-	-	-	5.2
Leafield	05 bc	05 bc	05 bc	05 bc	52	44	44	Tr.	-	-	-	4.6
Worcester (Worley Hall)	05 bc	05 bc	05 bc	05 bc	51	47	47	-	-	-	-	0.5
S. Farnborough	05 bc	05 bc	05 bc	05 bc	51	45	45	Tr.	48.00	Tr.	-	1.2
London (Kew Observatory)	05 bc	05 bc	05 bc	05 bc	50	40	40	-	-	0.1	-	0.7
Croydon	05 bc	05 bc	05 bc	05 bc	51	43	43	Tr.	48.00	Tr.	-	0.5
Shoeburyness	05 bc	05 bc	05 bc	05 bc	50	47	47	-	-	-	-	0.0
Clacton-on-Sea	05 bc	05 bc	05 bc	05 bc	48	36	36	-	-	-	-	0.1
Felixstowe	05 bc	05 bc	05 bc	05 bc	49	33	33	Tr.	-	Tr.	-	0.5
Lymington	05 bc	05 bc	05 bc	05 bc	47	33	33	0.3	12.30	0.2	5.30	0.0
Scilly (St. Mary's)	05 bc	05 bc	05 bc	05 bc	53	48	48	0.3	9.00	0.1	23.00	2.9
Falmouth (Pendennis)	05 bc	05 bc	05 bc	05 bc	51	47	47	Tr.	9.00	Tr.	6.30	1.0
Plymouth (Cattewater)	05 bc	05 bc	05 bc	05 bc	50	40	40	Tr.	48.00	-	-	1.7
Portland Bill	05 bc	05 bc	05 bc	05 bc	53	45	45	Tr.	48.00	Tr.	6.30	-
Southampton (Calshot)	05 bc	05 bc	05 bc	05 bc	53	46	46	Tr.	48.00	Tr.	-	1.0
Dungeness	05 bc	05 bc	05 bc	05 bc	50	46	46	0.3	11.00	0.1	-	-
Guraesey	05 bc	05 bc	05 bc	05 bc	53	49	49	0.5	48.00	1	21.00	0.5



Observations from Cross Channel Steamers.

Position	Date and Time	Steamship	Wind		Weather	Temp.		Remarks
			Dir.	Force		Air	Sea	
2	5th 10h	SCOTIA	W/N	2	bc	50	53	
3	6th 2h	ARONDA	S	2	bc	50	52	

GENERAL INFERENCE.

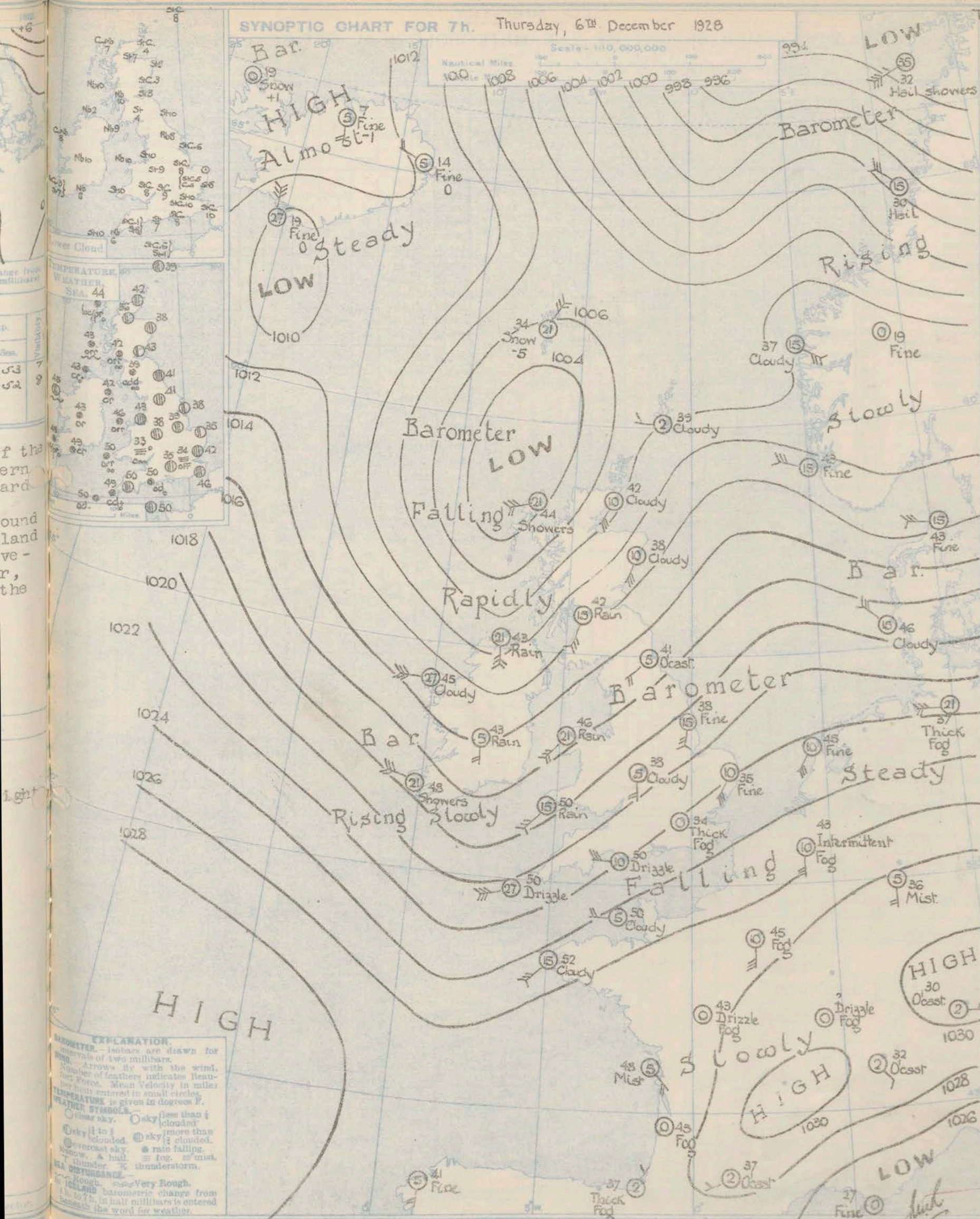
A depression, centred off the Hebrides, will move to Southern Norway and will in its eastward passage give rain in most districts and on the high ground in Scotland and Northern England some snow or sleet; an improvement in weather will, however, soon afterwards spread from the Atlantic.

Districts	Forecast for the 24 hours commencing 12 Noon G.M.T. Thursday, 6th December, 1928.	Further Outlook.
1. S.E. England	S.W. to W. then N.W. winds, light to fresh at times; cloudy with slight rain or drizzle locally then showery and bright periods; mist or fog locally in morning; colder with some frost at night.	Cold but bright periods.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Southwest winds, becoming northwest, strong at times; rainy at first then showery and bright periods; wintry showers on hills; some morning mist; colder with ground frost locally at night.	
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands	Southerly winds, becoming northwesterly, strong at times; cloudy, some rain; later showery and bright periods; sleet or snow on hills; cold, sharp frost locally at night.	
10. N.E. England		
11. S.E. Scotland		
12. S.W. Scotland & Isle of Man		
13. A.W. Scotland	W. to N.W. winds, strong at times; bright and showery periods; colder with frost at night.	
14. Mid-Scotland		
15. N.E. Scotland		
16. Orkneys and Shetlands		
17. N.W. Ireland	W. to N.W. winds, strong at times; bright and showery periods; colder with frost at night.	
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

SYNOPTIC CHART FOR 7h. Thursday, 6th December 1928

Scale - 1:10,000,000

Nautical Miles



EXPLANATION.
 BAROMETER. - Isobars are drawn for intervals of two millibars.
 WIND. - Arrows fly with the wind. Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circles.
 TEMPERATURE. - is given in degrees F.
 WEATHER SYMBOLS.
 ☉ Clear sky. ☁ Few than 1 cloud. ☁ More than 1 cloud. ☁ 1 to 1/2 clouded. ☁ 1/2 to 1 clouded. ☁ Overcast sky. ☁ Rain falling. ☁ Snow. ☁ Hail. ☁ Fog. ☁ Mist. ☁ Thunder. ☁ Thunderstorm.
 SEA DISTURBANCE.
 ☁ Very Rough. ☁ Rough. ☁ Moderate. ☁ Breeze. ☁ Calm.
 In Iceland barometric change from 1h. to 7h. in half millibars is entered beneath the word for weather.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION... Thursday, 6th December, 1928.

No. 341

Page 4.		BRITISH SECTION.												FOREIGN SECTION.													
		Observations at 1h. G.M.T. 6 th												Observations at 7h. G.M.T. 6 th													
STATIONS.	Height above M.S.L. in feet	Barom. at M.S.L.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility 1/2	Cloud.			Barom. at M.S.L.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility 1/2	Cloud.			Sea.			
				Direc.	Force					Height	Form	Amt.			Direc.	Force					Height	Form	Amt.				
																									0-12	0-10	0-10
Lerwick	54	1009.3	+3	SW	2	b.c.	39	85	3	1500	CU	7	1009.0	-1	W	1	c	39	85	2	1500	CU	8	-	8	1	
Stornoway	30	1015.1	-2	WSW	2	b.	36	85	3	2500	CU	3	1015.2	-1	WSW	5	b.c.	36	85	7	4000	CU	7	-	7	1	
Wick	31	1014.4	-2	WSW	2	b.c.	36	85	3	2500	CU	3	1014.7	-6	SW	3	c	36	85	8	2500	CU	4	10	10	6	
Thurso	22	1014.4	-2	WSW	2	b.c.	36	85	3	2500	CU	3	1014.3	-9	SW	6	c/r	36	85	7	1500	CU	10	-	10	6	
Nairn	23	1014.4	-2	WSW	2	b.c.	36	85	3	2500	CU	3	1014.1	-6	SW	0	b.c.	36	85	8	1500	CU	7	-	7	1	
Aberdeen	37	1014.4	-2	WSW	2	b.c.	36	85	3	2500	CU	3	1014.2	-6	WSW	3	c	38	85	6	2500	CU	3	10	10	0	
Malin Head	51	1014.3	-6	SE	3	c	42	92	7	5700	CU	9	1009.2	-7	SE	5	c/r	42	97	7	5700	CU	2	10	10	2	
Kenfrew	36	1014.3	-6	SE	3	c	42	92	7	5700	CU	9	1011.5	-7	WSW	4	c/r	42	92	7	1500	CU	10	-	10	2	
Edinburgh (Inchkeith)	100	1014.3	-3	WSW	4	b.c.	42	92	8	-	-	0	1014.0	-9	WSW	4	b.c.	42	92	8	1500	CU	13	10	10	2	
Leith	30	1014.3	-3	WSW	4	b.c.	42	92	8	-	-	0	1014.7	-7	WSW	2	c/r	39	97	7	2500	CU	3	10	10	1	
Edinburgh (Leith)	794	1014.3	-3	WSW	4	b.c.	42	92	8	-	-	0	1014.3	-9	WSW	3	c/r	39	92	7	1500	CU	4	10	10	1	
Tynemouth	67	1014.3	-2	SW	1	b.c.	41	85	6	1500	CU	6	1014.5	-6	SW	2	0	41	85	6	800	CU	10	-	10	1	
Blackad Point	18	1014.7	-6	SE	4	b.c.	42	92	8	-	-	0	1014.2	-3	W	6	c	42	92	7	2500	CU	9	-	9	2	
Donaghadee	40	1014.7	-6	SE	4	b.c.	42	92	8	-	-	0	1014.3	-6	SW	2	c/r	42	92	6	1500	CU	10	-	10	2	
Birr Castle	178	1014.7	-6	SE	4	b.c.	42	92	8	-	-	0	1014.7	-6	SW	5	c/r	42	92	5	1500	CU	10	-	10	3	
Holyhead	26	1014.7	-6	SE	4	b.c.	42	92	8	-	-	0	1014.3	-7	SW	5	c/r	42	92	5	1500	CU	10	-	10	3	
Liverpool (Bidston)	180	1014.7	-6	SE	4	b.c.	42	92	8	-	-	0	1014.5	-7	SE	4	0	42	92	7	2500	CU	10	-	10	3	
Chester (Sealand)	16	1014.7	-6	SE	4	b.c.	42	92	8	-	-	0	1014.7	-7	SE	4	c/r	42	92	6	2500	CU	4	10	10	3	
Harrogate	478	1014.7	-6	SE	4	b.c.	42	92	8	-	-	0	1014.7	-6	WSW	3	c/r	42	92	6	2500	CU	3	10	10	3	
Spurn Head	29	1014.7	-6	SE	4	b.c.	42	92	8	-	-	0	1014.6	-3	WSW	4	b.c.	39	92	6	5700	CU	6	10	10	2	
Birmingham (Edgbaston)	535	1014.7	-6	SE	4	b.c.	42	92	8	-	-	0	1014.0	-5	SE	2	c/r	39	92	5	1500	CU	9	-	9	1	
Cranwell	238	1014.7	-6	SE	4	b.c.	42	92	8	-	-	0	1014.0	-6	WSW	3	c/r	39	92	6	2500	CU	8	-	8	1	
Gorleston	14	1014.7	-6	SE	4	b.c.	42	92	8	-	-	0	1014.6	-3	SW	3	b.c.	35	92	6	-	-	0	10	10	0	
Valentia (Cahiriveen)	30	1014.7	-6	SW	1	c/r	49	97	8	10	CU	10	1014.4	-3	WNW	5	c/r	42	95	7	1500	CU	10	-	10	4	
Roches Point	22	1014.7	-6	SW	1	c/r	49	97	8	10	CU	10	1014.6	-7	NW	4	c/r	49	95	7	1500	CU	8	-	8	4	
Pembroke (St. Ann's H.)	150	1014.7	-6	SW	3	c/r	50	97	8	10	CU	10	1014.6	-7	SW	4	c/r	50	97	4	800	CU	10	-	10	2	
Ross-on-Wye	225	1014.7	-6	SW	3	c/r	50	97	8	10	CU	10	1014.6	-7	SW	4	c/r	50	97	4	800	CU	10	-	10	2	
Leafield	612	1014.7	-6	SW	3	c/r	50	97	8	10	CU	10	1014.0	-4	SW	2	c/r	50	95	4	5700	CU	9	-	9	1	
Winchester (Worthy Dm.)	273	1014.7	-6	SW	3	c/r	50	97	8	10	CU	10	1014.7	-3	-	0	c	32	97	5	1500	CU	10	-	10	1	
S. Farnborough	257	1014.7	-6	SW	3	c/r	50	97	8	10	CU	10	1014.3	-4	WSW	1	c	35	95	5	4000	CU	10	-	10	1	
London (Kew Obs.)	18	1014.7	-6	SW	3	c/r	50	97	8	10	CU	10	1014.2	-5	-	0	FFO	34	97	1	1500	CU	10	-	10	1	
Croydon	244	1014.7	-6	SW	2	m.b.	34	97	4	-	-	0	1014.3	-4	SW	4	FFO	39	92	3	4000	CU	7	-	7	1	
Shoeburyness	11	1014.7	-6	SW	2	m.b.	34	97	4	-	-	0	1014.4	-5	SE	1	c	41	97	7	1500	CU	9	-	9	1	
Clacton-on-Sea	54	1014.7	-6	SW	2	m.b.	34	97	4	-	-	0	1014.5	-5	W	1	c	42	92	6	4000	CU	8	-	8	1	
Felixstowe	16	1014.7	-6	SW	2	m.b.	34	97	4	-	-	0	1014.5	-3	-	0	FFO	37	97	3	4000	CU	10	-	10	0	
Lympne	350	1014.7	-6	N	2	0	41	85	5	-	-	0	1014.2	-5	SW	2	c/r	47	97	6	1500	CU	10	-	10	1	
Soilly (St. Mary's)	163	1014.7	-6	SW	3	b.c.	49	95	8	4000	CU	5	1014.4	-3	WSW	6	c/r	50	97	5	2500	CU	10	-	10	5	
Palmouth (Pendennis)	200	1014.7	-6	SW	3	b.c.	49	95	8	4000	CU	7	1014.4	-5	SW	4	c/r	49	97	7	2500	CU	6	10	10	1	
Plymouth (Cattewater)	22	1014.7	-6	SW	3	b.c.	49	95	8	4000	CU	7	1014.8	-5	SW	4	c/r	50	95	8	2500	CU	9	-	9	1	
Portland Bill	32	1014.7	-6	SW	1	b.c.	49	95	8	2500	CU	1	1014.7	-5	W	3	c/r	50	95	8	1500	CU	7	10	10	0	
Southampton (Calshot)	10	1014.7	-6	SW	1	FFO	37	97	1	-	-	0	1014.5	-5	-	0	c	41	97	6	4000	CU	8	-	8	0	
Dungeness	20	1014.7	-6	N	2	b.c.	49	97	3	-	-	0	1014.5	-5	WSW	2	c/r	46	97	7	4000	CU	10	-	10	1	
Guernsey (Fort George)	205	1014.7	-6	SW	3	b.c.	49	92	8	4000	CU	6	1014.2	-3	W	2	c/r	50	95	9	1500	CU	9	-	9	1	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 5th December

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Forenoon.	Afternoon.	Min. 9h. to 3h.	Max. 3h. to 9h.	Night 12h. to 6h.	Day 9h. to 5h.	Sunrise to Sunset.								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Bude ...	c	cbe	41	52	-	-	1.6
Berwick-on-Tweed	bcb	b	42	49	0.2	-	5.7	Penzance ...	cabc	cbe	42	54	1	0.2	1.4
Douglas (I. o. M.) ...	bcc	bcc	45	49	1	-	4.8	Paignton ...	wbc	bccbm	37	56	-	-	3.5
Llandudno ...	bcb	bbc	38	51	Trace	-	5.1	Terquay ...	baw	bcbm	41	58	-	-	3.7
Colwyn Bay ...	b	b	42	51	0.3	-	5.1	Jersey ...	bcpc	bc	47	54	-	1	1.0
Rhyl ...	bc	bc	35	50	0.2	-	5.7	Weymouth ...	c	cb	37	55	Trace	-	1.6
Wallasey ...	b	b	36	49	0.3	-	5.0	Bournemouth ...	c	cbbc	30	52	-	-	1.5
Southport ...	b	b	39	49	0.3	-	5.5	Venrhor ...	oao	obmf	41	52	Trace	Trace	0.2
Blackpool ...	obcb	b	34	50	0.5	-	5.0	Pertmouth (St. Ives)	co	oc	35	52	-	-	0.4
Ilkley ...	c	c	28	50	0.3	-	5.9	Bognor ...	o	o	39	51	-	-	0.1
Cleethorpes ...	b	b	34	49	-	-	5.0	Littlehampton ...	c	c	36	51	-	-	0.1
Skogness ...	fbcc	b	34	50	Trace	-	5.8	Worthing ...	aic	c	36	50	-	Trace	0.2
Aberystwyth ...	prcb	cbe	44	50	1	-	5.4	Brighton ...	cbcc	cm	38	50	-	-	0.4
Bath ...	c	c	34	50	Trace	-	5.1	Eastbourne ...	cod	doeb	40	50	-	0.6	0.6
Cheltenham ...	c	bcb	37	52	Trace	-	5.6	Hastings ...	ocom	admoc	41	50	-	0.6	0.1
Leamington Spa ...	cb	cb	33	52	-	-	5.4	Folkestone ...	omaf	adfc	37	49	-	0.3	0.0
Lowestoft ...	c	cbe	36	49	-	-	5.0	Dover ...	mo	modc	38	49	-	Trace	0.0
Harwich & Dovercourt	waom	ocfb	36	49	Trace	Trace	0.0	Tunbridge Wells ...	omo	coms	36	50	-	-	0.0
Maldon ...	fo	ocfb	37	50	-	-	0.1	Ramsgate ...	co	eo	40	48	-	0.2	0.0
Southend ...	om	ocfb	39	49	-	-	0.0	Margate ...	c	cd bc	40	49	-	Trace	0.0
								Deal ...	o	ob. o	37	49	-	Trace	0.0

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received.

† The observations at 1h. G.M.T. and, at Guernsey, the sunshine readings are from an auxiliary station.

‡ For code see page 1.

†† See footnote page 1.

‡ At stations marked thus the maximum temperature is for the period 21h.-17



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B24487

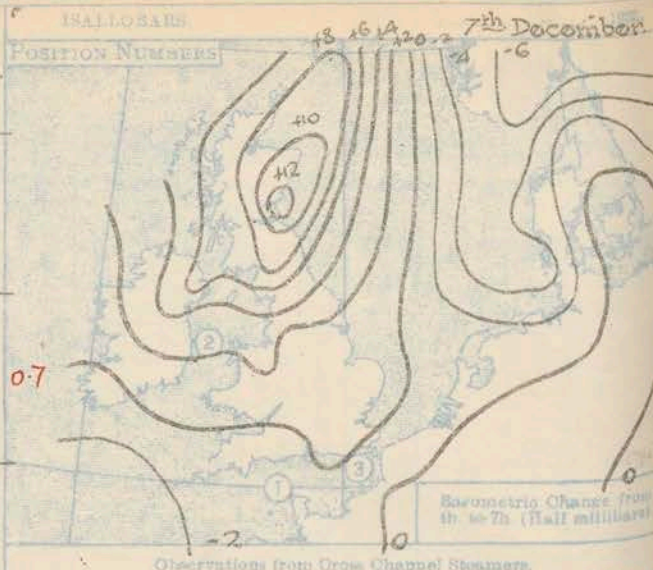
Friday, 7th December, 1928.

Page 1.

Observations at 15h. G.M.T.															Observations at 15h. G.M.T.														
STATIONS.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud.								
			Dir.	Force					Low.	Upper	Total	Form.			Dir.	Force					Low.	Upper	Total	Form.					
																									Height Feet	0-10	0-10	0-10	0-10
(For heights see p. 4.)																													
Lerwick	993.4	-3	SSE	3	C	44	65	8	1500	Cu	4	R.Cu	8		993.4	-8	SW	2	Cr	40	92	7	1500	Nb	10	-	10		
Sornoway	995.8	-5	WSW	5	C/PH	39	85	8	4000	CuNb	8	C.Jr	9		986.9	-8	WNW	6	C/PR	39	92	6	2500	Nb	10	-	10	S	
Wick	998.9	-3	SW	4	Cr	41	92	8	1500	Nb	8	A.St	10		992.2	-3	WSW	4	bc	38	85	8	2500	CuNb	4	A.St	6	1	
Tiree	1001.9	-3	W'S	6	bc/jp	48	85	8	1500	CuNb	7	-	7	2	996.7	-3	NW	8	bc/PH	41	85	7	1500	CuNb	5	-	5	7	
Kairn	1001.8	-10	SSW	4	C	42	85	8	1500	Nb	8	A.Cu	9	1	991.5	-7	W	3	bc/jr	37	85	8	1500	Cu	5	-	5		
Aberdeen	1001.8	-10	SSW	4	C	42	85	8	1500	Nb	8	A.Cu	9	1	996.5	-7	SW'S	4	b	37	75	7	4000	St.Cu	1	-	1	0	
Malin Head	1006.7	-3	W	7	bc/jp	43	85	8	4000	CuNb	3	-	3		1004.5	-2	WNW	7	bc/PH	43	75	7	4000	CuNb	3	-	3	7	
Reafrow	1005.6	-3	WSW	5	bc	44	65	7	4000	CuNb	4	-	4	2	1002.3	-5	WSW	5	bc/pg	40	75	7	1500	CuNb	6	-	6		
Edinburgh (Inchkeith)	1004.1	-8	SW	5	C/jr	41	75	8	1500	St	5	A.St	9		1000.7	-4	SW	6	bc	39	85	8	2500	St	3	-	3	4	
Leuchars	1003.0	-9	SW	4	C/r	42	85	8	4000	St.Cu	8	-	8	1	999.5	-5	SW	5	b/PR	37	85	8	-	-	0	-	0		
Bakdalemuir	1006.7	-7	W'S	4	C/r	39	85	8	1500	St	9	-	9	2	1005.0	-2	SW'W	5	C+	37	75	8	800	Nb	8	-	8		
Tynemouth	1007.6	-7	SSW	2	C	42	92	4	1500	Nb	8	-	8		1005.6	-2	W	4	b/r	41	75	6	-	-	0	-	0	1	
Blackhead Point	1012.8	-2	W	7	bc/PH	44	65	9	*	CuNb	7	-	7		1011.9	-1	W	7	bc	44	65	8	-	-	0	-	0	7	
Donaghadee	1010.8	-2	W	6	bc	43	75	8	4000	Cu	5	-	5		1009.3	-2	W	6	bc/jp	37	85	8	4000	CuNb	4	-	4	4	
Birr Castle	1015.4	-	W	3	bc/PH	41	85	7	1500	CuNb	7	-	7		1014.3	-	W	3	bc/ph	38	85	7	1500	CuNb	3	-	3		
Polylhead	1012.3	+1	WNW	7	C+	46	85	8	1500	Cu	6	C	7	1	1012.1	-1	W'S	6	bc	44	85	7	2500	Cu	6	-	6	6	
Liverpool (Bidston)	1010.5	-3	W'N	5	C/r	43	97	6	800	CuNb	9	-	9		1011.3	0	W'S	6	bc	43	65	7	2500	CuNb	4	A.Cu	7		
Chester (Sealand)	1011.1	-3	NW'W	2	C	44	92	6	1500	St	9	-	9	1	1012.3	0	SSE	2	b	38	75	6	-	-	0	-	0		
Harrogate	1009.7	-8	SW	3	Cr	41	92	5	2500	St	10	-	10		1009.1	0	SW	3	b	38	75	7	-	-	0	-	0		
Spurn Head	1008.6	-8	S'W	6	Cr	42	92	6	4000	Nb	8	A.St	10		1009.6	+1	W	5	bc	43	85	6	4000	Nb	4	-	4	3	
Birmingham (Edgbaston)	1011.9	-9	SSW	4	C	45	97	6	1500	Nb	9	-	9	1	1014.2	+2	WSW	3	b	40	65	8	-	-	0	-	0		
Cranwell	1011.4	-12	SSW	5	C	46	92	6	800	Nb	8	A.St	10	1	1012.5	+3	W	4	bc	40	75	6	-	-	0	A.Cu	3		
Gorleston	1015.6	-6	SSW	4	0	45	97	5	1500	St	10	-	10		1011.3	0	W	3	0/r	48	97	6	800	Nb	10	-	10	1	
Valentia (Cahiroiveen)	1020.1	+1	NW'W	5	bc	45	65	8	2500	Cu	4	-	4	2	1019.3	0	WNW	6	bc	43	75	8	2500	CuNb	6	-	6	6	
Roche Point	1017.8	0	NW	4	bc	46	75	8	2500	St.Cu	2	C	4		1019.0	0	NW	3	b	41	85	8	2500	St.Cu	2	-	2	4	
Pembroke (St. Ann's H.)	1015.3	+3	WNW	4	C	48	75	7	800	CuNb	7	A.St	9		1015.7	+1	WNW	4	bc	47	75	7	1500	Cu	6	C.St	7	4	
Rose-on-Wye	1012.8	-6	SW'W	4	C	50	92	8	2500	Nb	8	A.St	10	1	1015.3	+2	W'S	2	b	41	65	8	4000	St.Cu	1	-	1		
Leafield	1014.0	-7	SSW	4	C	47	92	8	2500	St.Cu	10	-	10	1	1015.3	+2	W'N	4	C	42	75	8	2500	St.Cu	10	-	10		
Winchester (Worthy Dn)	1017.0	-7	SW	4	C	49	97	6	800	Nb	10	-	10	2	1015.6	+1	WSW	3	C/r	45	92	7	1500	Nb	10	-	10		
S. Farnborough	1016.6	-7	SW	5	0/r	48	92	6	800	St	10	-	10	1	1015.5	+1	W	2	0/r	46	92	6	800	St	10	-	10		
London (Kew Obey)	1016.8	-7	SW	4	C/r	47	92	5	800	Nb	9	A.St	10	1	1015.6	+2	W'S	2	C/r	47	85	5	800	St	6	A.St	10		
Croydon	1017.1	-7	SW	4	C	48	85	5	2500	St	8	A.St	10	2	1014.8	0	NW	3	C/r	47	92	6	800	Nb	8	A.St	10		
Goucebury	1016.8	-5	SW	4	C	49	92	6	2500	St.Cu	9	-	9		1014.1	-3	WSW	3	0/r	50	97	7	800	St	10	-	10		
Clacton-on-Sea	1016.9	-7	SSW	3	C	47	85	6	1500	St	10	-	10	1	1013.0	-4	SW	4	0/r	48	97	7	2500	St	10	-	10	3	
Felixstowe	1016.9	-7	SSW	3	C	47	85	6	1500	St	10	-	10	1	1013.0	-2	WSW	5	0/r	49	92	7	800	Nb	10	-	10	6	
Lympne	1018.1	-6	SW	4	C	49	85	7	1500	St.Cu	9	-	9	1	1015.0	-2	SW	5	0/r	49	97	4	1500	St	10	-	10		
Boily (St. Mary's)	1019.6	-1	NW	5	C	49	92	7	4000	St.Cu	10	-	10		1020.2	0	NW	5	C	47	75	8	4000	St.Cu	8	-	8	5	
Palmouth (Pendennis)	1018.4	-4	W'N	3	0/r	48	97	7	4000	Nb	10	-	10		1019.8	+1	WNW	3	bc	47	75	7	4000	St.Cu	4	A.St	7	1	
Plymouth (Cattewater)	1017.5	-6	SW	6	0/r	50	97	6	220	Nb	10	-	10	2	1018.8	+1	NW	3	C/r	46	85	7	1500	Nb	9	-	9	1	
Portland Bill	1016.8	-6	WSW	5	C	53	85	8	1500	St	7	A.Cu	9		1016.8	+2	W'N	4	C/r	49	85	8	1500	St	4	C.St	10	4	
Southampton (Oldshot)	1017.5	-7	SW'W	5	C/d	51	92	7	2500	St	9	-	9	5	1016.5	+1	WNW	4	0/r	46	92	6	800	Nb	10	-	10	0	
Dungeness	1018.3	-4	WSW	4	C	51	85	8	2500	St.Cu	9	-	9		1014.3	-5	SW	5	0/r	51	97	7	800	Nb	10	-	10	5	
Guernsey (Fort George)	1021.5	-4	WSW	4	C	51	97	7	800	St	7	A.St	9		1019.5	-2	W	3	0/r	48	97	5	800	St	10	-	10	3	
LONDON OBSERVATIONS.															LONDON OBSERVATIONS.														
Day 7h-15h, Kew & Croydon.															Day 7h-15h, Kew & Croydon.														
9h-15h, Kensington.															9h-15h, Kensington.														
9h-15h, other stations.															9h-15h, other stations.														
Kew															Kew														
Croydon															Croydon														
Greenwich (Royal Obey)															Greenwich (Royal Obey)														
City (Buzhill Row)															City (Buzhill Row)														
Westminster (St. James' Pk.)															Westminster (St. James' Pk.)														
Regent's Pk. (Botanic Gdns.)															Regent's Pk. (Botanic Gdns.)														
Garden Square															Garden Square														
Kensington Palace															Kensington Palace														
Hamstead Observatory															Hamstead Observatory														
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.															TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.														
7th & 8th December, 1922.															7th & 8th December, 1922.														
STATIONS.															STATIONS.														
Sunrise.															Sunrise.														
Noon.															Noon.														
Sunset.															Sunset.														
Greenwich															Greenwich														
Wick															Wick														
Valentia															Valentia														
BEAUFORT NOTATION OF WEATHER.															BEAUFORT NOTATION OF WEATHER.														
b blue sky (not more than a quarter covered with cloud).															b blue sky (not more than a quarter covered with cloud).														
bc sky partly cloudy (one half covered).															bc sky partly cloudy (one half covered).														
c generally cloudy															c generally cloudy														
d drizzle. e wet air. g gloomy. f fog. visibility 200-1000 m.															d drizzle. e wet air. g gloomy. f fog. visibility 200-1000 m.														
F thick fog. " less than 200 m. to mist. " 1000-12000 m.															F thick fog. " less than 200 m. to mist. " 1000-12000 m.														
h hail. i intermittent. jp precipitation within eight of station.															h hail. i intermittent. jp precipitation within eight of station.														
EQ fine squall. l lightning. o overcast sky. p passing shower. q equally. r rain. s snow. za sleet. z tender. z snow. z ugly, threatening sky. z unusual visibility. w dew.															EQ fine squall. l lightning. o overcast sky. p passing shower. q equally. r rain. s snow. za sleet. z tender. z snow. z ugly, threatening sky. z unusual visibility. w dew.														
x hoar frost. y dry air. z dust haze: the turbid atmosphere of dry weather. h(r)="hail" or "rain and hail". Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity. R = heavy rain. r = slight rain. rr = continuous rain. SYMBOLS. < = (less than (for cloud height). @ = before (for precipitation). U = upper half. With present weather is combined whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions. time-hc = fair weather after rain; - = has decreased; + = has increased.															x hoar frost. y dry air. z dust haze: the turbid atmosphere of dry weather. h(r)="hail" or "rain and hail". Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity. R = heavy rain. r = slight rain. rr = continuous rain. SYMBOLS. < = (less than (for cloud height). @ = before (for precipitation). U = upper half. With present weather is combined whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions. time-hc = fair weather after rain; - = has decreased; + = has increased.														
The BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 20 feet above the ground.															The BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 20 feet above the ground.														
SEA DISTURBANCE.															SEA DISTURBANCE.														
0=no swell. 1=mod. swell. 2=heavy swell. 3=no swell. 4=mod. swell. 5=heavy swell. 6=rather rough sea. 7=rough sea. 8=very rough sea. 9=mountainous sea.															0=no swell. 1=mod. swell. 2=heavy swell. 3=no swell. 4=mod. swell. 5=heavy swell. 6=rather rough sea. 7=rough sea. 8=very rough sea. 9=mountainous sea.														
Beaufort No.															Beaufort No.														
Statute miles per hour.															Statute miles per hour.														
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.															TELEGRAPHIC CODE FOR SURFACE VISIBILITY.														
1. Dense fog. 250 "															1. Dense fog. 250 "														
2. Fog. 500 "															2. Fog. 500 "														
3. Moderate fog. 1,100 "															3. Moderate fog. 1,100 "														
4. Mist or haze. 1 1/2 miles.															4.														

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				Sun 6h. Hours.
	7h-12h. 6h	12h-12h. 6h	12h-12h. 6h	1h-7h. 7h	MAX. Day.	MIN. Night.	MIN. on 6h.	Day, 7h-12h.	Night, 12h-7h.	12h-7h.	6h.	
Ierwick	cpr	cpr	oHRbc	oHRbc	45	31	31	5	9.00	8	21.00	0.7
Stornoway	cpr	cpr	oHRbc	oHRbc	44	30	30	18	8.00	4	21.00	1.0
Wick	cpr	cpr	oHRbc	oHRbc	43	34	34	3	8.00	3	21.00	0.5
Tiree	cpr	cpr	oHRbc	oHRbc	42	36	36	3	8.00	2	21.00	1.5
Nairn	cpr	cpr	oHRbc	oHRbc	41	30	30	1	9.00	3	21.00	1.4
Aberdeen	cpr	cpr	oHRbc	oHRbc	43	32	32	0.3	11.00	2	21.00	0.4
Malin Head	cpr	cpr	oHRbc	oHRbc	45	35	35	4	8.00	1	21.00	1.6
Benbow	cpr	cpr	oHRbc	oHRbc	44	34	34	6	8.00	4	21.00	1.2
Edinburgh (Inchkeith)	cpr	cpr	oHRbc	oHRbc	44	37	37	2	8.00	1	21.00	1.0
Leuchars	cpr	cpr	oHRbc	oHRbc	42	36	36	2	9.00	3	21.00	0.7
Bskdalemuir	cpr	cpr	oHRbc	oHRbc	40	33	33	8	8.00	4	21.00	1.0
Tynemouth	cpr	cpr	oHRbc	oHRbc	44	37	37	1	8.00	-	-	0.5
Blackhead Point	cpr	cpr	oHRbc	oHRbc	46	36	36	1	8.00	3	21.00	0.5
Donaghadee	cpr	cpr	oHRbc	oHRbc	48	34	34	1	8.00	1	21.00	0.5
Birr Castle	cpr	cpr	oHRbc	oHRbc	44	32	32	2	8.00	-	-	0.7
Holyhead	cpr	cpr	oHRbc	oHRbc	43	31	31	10	8.00	-	-	1.9
Liverpool (Bidston)	cpr	cpr	oHRbc	oHRbc	45	38	38	4	8.00	0.1	21.00	0.8
Chester (Sealand)	cpr	cpr	oHRbc	oHRbc	46	35	35	1	8.00	-	-	0.6
Harrogate	cpr	cpr	oHRbc	oHRbc	41	36	36	4	9.00	0.6	21.00	0.1
Spurn Head	cpr	cpr	oHRbc	oHRbc	44	36	36	0.4	11.00	-	-	0.0
Birmingham (Edgbaston)	cpr	cpr	oHRbc	oHRbc	47	34	34	0.3	12.30	0.2	21.00	0.0
Cranwell	cpr	cpr	oHRbc	oHRbc	48	33	33	0.1	9.00	-	-	0.0
Gorleston	cpr	cpr	oHRbc	oHRbc	48	35	35	0.4	13.30	0.3	21.00	0.0
Valentia (Cahirvaen)	cpr	cpr	oHRbc	oHRbc	48	38	38	1	8.00	2	21.00	3.3
Roskeel Point	cpr	cpr	oHRbc	oHRbc	49	37	37	2	8.00	Tr.	21.00	0.5
Pembroke (St. Ann's H.)	cpr	cpr	oHRbc	oHRbc	50	34	34	4	9.00	0.1	21.00	0.0
Ross-on-Wye	cpr	cpr	oHRbc	oHRbc	50	36	36	0.6	11.00	-	-	0.0
Leafield	cpr	cpr	oHRbc	oHRbc	48	32	32	1	11.00	Tr.	-	0.0
Winchester (Worthy Dn)	cpr	cpr	oHRbc	oHRbc	51	35	35	1	11.00	0.5	21.00	0.0
F. Farnborough	cpr	cpr	oHRbc	oHRbc	51	34	34	2	12.30	Tr.	-	0.3
London (Kew Obs.)	cpr	cpr	oHRbc	oHRbc	51	35	35	2	12.30	Tr.	-	0.0
Croydon	cpr	cpr	oHRbc	oHRbc	51	35	35	1	12.30	Tr.	21.00	0.0
Shoeburyness	cpr	cpr	oHRbc	oHRbc	51	37	37	0.6	17.30	0.1	21.00	0.0
Olaeton-on-Sea	cpr	cpr	oHRbc	oHRbc	48	38	38	0.2	13.30	1.2	21.00	0.0
Felinstowe	cpr	cpr	oHRbc	oHRbc	49	37	37	1	17.30	0.1	21.00	0.2
Lymington	cpr	cpr	oHRbc	oHRbc	50	34	34	1	11.00	3	21.00	0.0
Scilly (St. Mary's)	cpr	cpr	oHRbc	oHRbc	52	43	43	1	8.00	1	21.00	0.0
Falmouth (Pendennis)	cpr	cpr	oHRbc	oHRbc	51	40	40	2	8.00	1	21.00	0.0
Plymouth (Cattewater)	cpr	cpr	oHRbc	oHRbc	52	41	41	1	8.00	Tr.	6.30	0.0
Portland Bill	cpr	cpr	oHRbc	oHRbc	53	45	45	1	13.30	-	-	0.0
Southampton (Calshot)	cpr	cpr	oHRbc	oHRbc	52	37	37	1	11.00	-	-	0.2
Dungeness	cpr	cpr	oHRbc	oHRbc	51	39	39	2	11.00	6	21.00	0.0
Guernsey	cpr	cpr	oHRbc	oHRbc	51	43	43	6	9.00	1	21.00	0.0

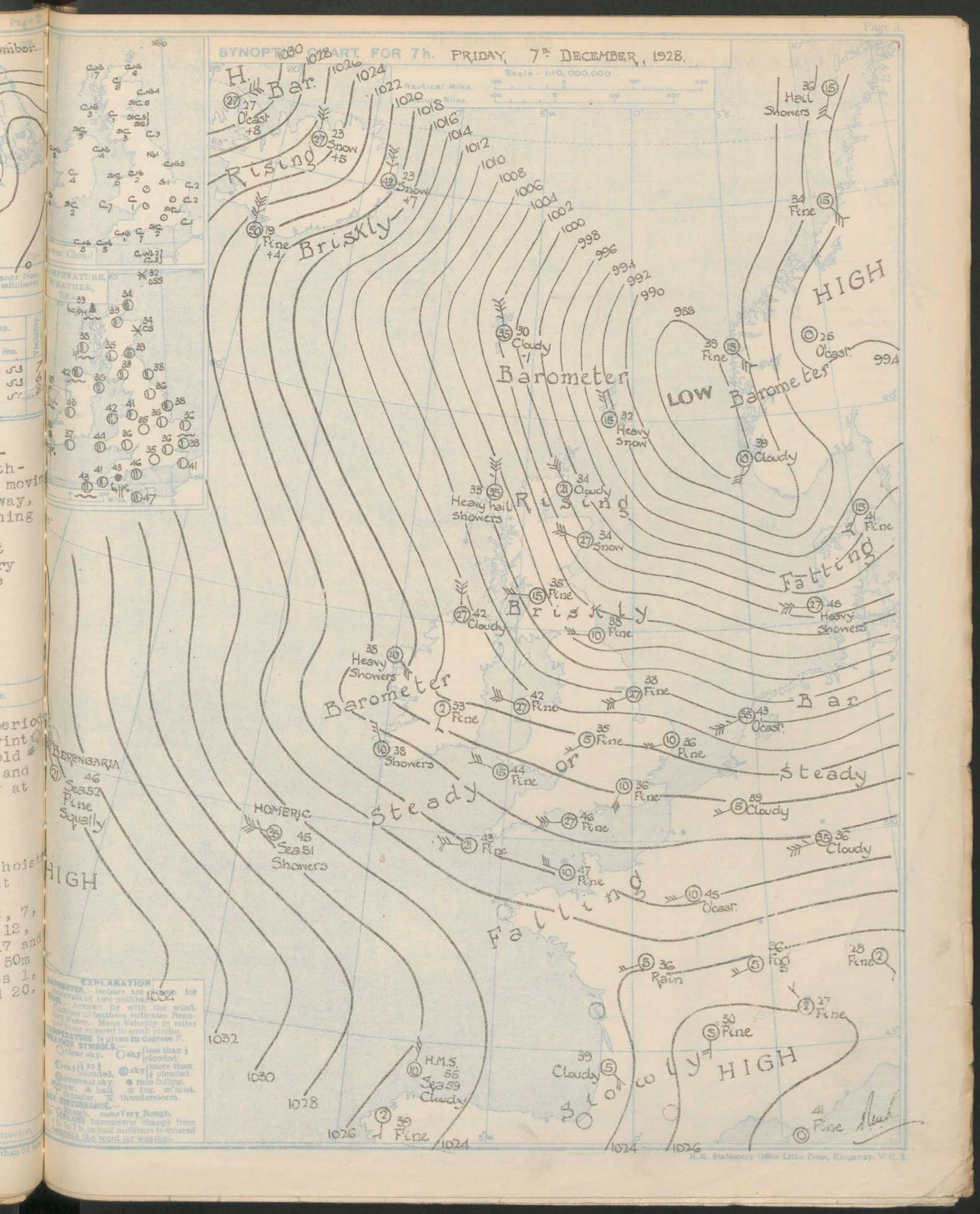


Position.	Date and Time.	Steamship.	Wind.		Weather.	Temp.		Remarks.
			Dir.	Force.		Air.	Sea.	
2	6th 10h	SCOTIA	W	5	c/r	47	53	
1	" 12h	ST. HENRY	WSW	5	d	54	53	
3	7th 2h	DIEMER	WNW	5	bc-	48	51	

GENERAL INFERENCE.

Cold northerly to north-westerly winds, flowing southwards between a depression, moving eastwards near Southern Norway, and an anticyclone, approaching from the Atlantic, will be accompanied by mainly bright weather but with local wintry showers, particularly in the North.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Friday, 7th December, 1928.	Farther Outlook.
1. S.E. England	Westerly winds, moderate to strong; bright periods, perhaps a few local wintry showers; local mist or fog at night; cold, frost at night.	Bright periods but local wintry showers; cold with frost and fog locally at night.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales	Westerly to northwesterly winds, strong at times locally; bright intervals, local wintry showers; early morning mist or fog locally; cold, frost at night.	South Core hoists yesterday at 14h 15m in districts 2, 7, 8, 10, 11, 12, 13, 15, 16, 17 and 18. At 18h.50m in districts 1, 5, 6, 19 and 20.
7. North Wales		
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. S.E. Scotland		
12. S.W. Scotland & Isle of Man	Winds between W. and N. moderate to strong, stronger locally in squalls at first; some wintry precipitation; cold, sharp frost locally at night.	
13. A.W. Scotland		
14. N.W. Scotland		
15. Mid-Scotland		
16. N.E. Scotland		
17. Orkneys and Shetlands		
18. N.W. Ireland	As 8 - 10.	
19. N.E. Ireland	As 1 - 5	
20. S.W. Ireland		



DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

No. 342

†: See footnote page 1.

BRITISH SECTION.

No. B. 24488

Saturday 8th December... 1928.

Page 1.

Observations at 1st G.M.T.															Observations at 1st G.M.T.														
STATIONS.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.			Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.			Sea.						
			Dir.	Force					Height.	Form.	Amt.			Dir.	Force					Height.	Form.	Amt.							
																								0-12	0-10	0-10			
(For heights see p. 4).	mb.								Feet			mb.							Feet										
Lerwick	996.5	+4	NW	3	c/p	35	85	8	1500	CuNb	6	ASr	8	999.9	+4	NNW	3	bc	36	85	8	1500	Cu	5	-	5	5		
Stornoway	1008.6	0	NW	6	bc/p	35	85	7	4000	CuNb	7	-	7	1011.2	+5	N	6	crs	36	85	6	2500	Cu	8	-	8	5		
Wick	1002.6	+2	NNW	4	cs	32	97	8	1800	CuNb	5	ASr	8	1005.2	+2	NNW	4	cs	35	85	8	1500	CuNb	6	CiSr	8	4		
Tiree	1012.9	+1	NW	6	c/p	36	97	7	800	CuNb	9	-	9	1014.3	+1	NNW	6	OS	37	97	7	800	Nb	10	-	10	6		
Nairn	1008.5	0	NW	3	c/s	33	85	7	1500	CuNb	8	-	8	1008.5	0	NW	3	c/s	33	85	7	1500	CuNb	8	-	8	0		
Aberdeen	1006.4	+1	W	4	b	33	75	8	2500	Cu	1	Cu	1	1006.7	+1	WNW	4	b	32	75	8	2500	CuNb	1	-	1	3		
Malin Head	1016.9	+4	N	5	c/p	36	97	7	4000	CuNb	8	-	8	1016.5	0	NNW	5	bc/p	40	75	7	4000	CuNb	4	-	4	6		
Renfrew	1012.0	+2	N	3	b	38	65	8	4000	Cu	2	-	2	1012.5	+1	W	1	bc	32	92	8	4000	Cu	5	-	5	3		
Edinburgh (Inchkeith)	1009.6	0	N	4	b	37	65	9	4000	Cu	2	-	2	1009.3	0	SW	5	bc	35	85	8	1500	St	2	A.Cu	4	3		
Leuchars	1008.9	0	W	4	b	36	65	8	2500	Cu	1	-	1	1008.6	-1	W	3	b	32	65	8	2500	St.Cu	1	-	1	0		
Baldernair	1011.9	+2	WNW	5	b	33	65	8	1500	St	1	-	1	1011.7	+1	WNW	5	bc	31	75	8	2500	St.Cu	3	-	3	0		
Wynmouth	1010.7	+4	W	3	bc	38	65	7	1500	Cu	3	-	3	1010.5	+1	W	2	b	33	75	6	1500	St	2	-	2	2		
Blackad Point	1021.5	+5	N	6	ors+	37	92	6	3	Nb	10	-	10	1021.1	0	W	5	bcS	41	65	7	-	CuNb	7	-	7	6		
Donaghadee	1016.1	+3	NW	3	bc/p	38	75	8	2500	CuNb	4	-	4	1016.9	+2	NNW	3	c/p	33	97	7	2500	CuNb	8	-	8	3		
Birr Castle	1017.7	0	N	2	bc	39	85	7	1500	Cu	2	Ci	4	1020.6	0	NW	2	bc	33	85	7	2500	Cu	4	-	4	0		
Holyhead	1014.9	+1	NW	5	c	43	75	9	4000	St.Cu	8	-	8	1017.0	+3	NNW	5	bc	42	85	7	4000	Cu	6	-	6	4		
Liverpool (Bidston)	1013.9	+1	NW	5	C	42	55	8	1500	CuNb	8	CiSr	8	1015.9	+2	NW	4	bc	38	65	8	2500	CuNb	2	CiCu	6	0		
Chester (Sealand)	1013.7	+1	NW	5	bc	43	65	7	4000	Cu	4	Ci	5	1015.8	+3	NNW	3	b	35	75	6	2500	CuNb	1	-	1	0		
Marrogate	1012.0	+1	W	4	b	37	65	8	4000	CuNb	1	CiCu	2	1013.9	+1	WSW	4	b	31	85	7	-	-	0	-	0	0		
Spurn Head	1011.5	+1	W	4	C	40	85	7	4000	CuNb	6	ASr	8	1013.2	+1	WNW	5	bc	37	65	7	4000	Nb	3	-	3	4		
Birmingham (Edgbaston)	1015.0	0	WNW	3	bc+	41	65	8	2500	Cu	7	-	7	1016.8	+2	WNW	2	bc	37	75	5	4000	St.Cu	6	-	6	0		
Cranwell	1013.5	+1	WNW	4	bc	39	85	6	4000	Cu	4	-	4	1014.9	+2	W	3	b	32	97	5	-	-	0	ASr	2	0		
Gorleston	1013.5	0	W	4	b	40	85	6	5700	Cu	1	-	1	1014.9	+1	WSW	3	b	36	92	6	-	-	0	-	0	0		
Valentia (Oahiroveen)	1019.6	+1	N/E	3	bc	39	85	8	1500	St.Cu	7	-	7	1022.2	+2	N/E	2	b	37	85	8	1500	Cu	2	-	2	2		
Roche Point	1018.2	-2	N	3	bc	41	85	8	2500	St.Cu	4	-	4	1020.4	+2	N	4	b	39	85	8	2500	St.Cu	2	-	2	0		
Pembroke (St. Ann's H.)	1016.4	0	W	1	bc	43	65	8	2500	Cu	4	Ci	5	1017.0	+1	N	1	bc	38	85	8	2500	Cu	4	CiSr	6	1		
Ross-on-Wye	1015.4	0	W/S	3	b	43	55	8	4000	Cu	1	-	1	1016.9	+1	SW	1	b	34	85	7	-	-	0	Ci	1	0		
Leafeld	1015.6	+1	W/N	4	b	41	65	8	4000	Cu	1	-	1	1017.0	+1	-	0	b	31	85	8	-	-	0	-	0	0		
Winchester (Worthy Dn.)	1016.6	-2	WSW	3	b	44	65	8	4000	Cu	1	-	1	1016.9	0	WNW	2	b	34	92	8	-	-	0	A.Cu	1	0		
S. Farnborough	1016.2	-1	W	3	b	45	65	8	2500	Cu	1	-	1	1016.8	+1	W	1	b	32	92	6	-	-	0	CiSr	1	0		
London (Kew Obsy.)	1015.0	-1	WNW	3	b	43	65	6	2500	Cu	1	-	1	1016.6	+1	W	1	b	37	85	5	-	-	0	A.Cu	1	0		
Croydon	1016.3	-1	WNW	4	b+	44	65	6	2500	Cu	1	-	1	1016.5	+1	WNW	2	b	36	85	5	-	-	0	Ci	1	0		
Shoeburyness	1015.0	-1	W/N	2	b	42	85	6	-	-	0	ASr	1	1016.3	0	W/N	1	b	35	97	6	-	-	0	-	0	0		
Clacton-on-Sea	1015.0	0	W	4	b	43	65	8	-	-	0	-	0	1015.9	+1	W	3	bc	37	85	6	4000	St.Cu	3	-	3	1		
Felixstowe	1015.1	0	W	4	b	43	65	8	-	-	0	-	0	1016.1	+2	WSW	2	b	39	75	6	-	-	0	-	0	0		
Lympne	1016.0	-1	W/N	4	b	44	65	8	2500	Cu	1	-	1	1016.5	+1	NW	2	b	34	75	7	-	-	0	-	0	0		
Scilly (St. Mary's)	1017.7	-1	W	3	bc/p	45	75	8	4000	CuNb	5	CiSr	7	1016.3	-1	NNE	4	bc	41	85	8	4000	CuNb	4	-	4	4		
Falmouth (Pendennis)	1017.3	-2	W	2	bc+	45	85	8	4000	CuNb	5	ASr	8	1016.9	-1	N	2	crs	38	92	7	4000	CuNb	4	ASr	10	0		
Plymouth (Cattewater)	1017.3	-3	NW	3	bc	44	65	8	2500	CuNb	7	-	7	1016.9	0	ENE	2	C	39	85	7	-	-	0	CiSr	5	0		
Portland Bill	1016.4	-1	W	4	bc	47	65	8	2500	Cu	3	Ci	4	1016.1	+1	NW	1	btl	40	75	8	2500	St.Cu	2	-	2	2		
Southampton (Calshot)	1016.8	-2	W/N	4	b	44	65	8	4000	CuNb	1	-	1	1017.0	+1	WNW	2	bc+	37	85	7	2500	St.Cu	5	-	5	0		
Dungeness	1015.6	-1	W	3	b	47	65	8	4000	St.Cu	1	CiCu	2	1016.6	+1	W	1	bc+	37	85	8	2500	Cu	4	-	4	2		
Guernsey (Fort George)	1018.8	-2	W	3	bc/p	45	85	8	1500	CuNb	5	-	5	1017.1	-2	NNW	1	bc	43	75	9	2500	CuNb	6	-	6	0		
LONDON OBSERVATIONS.															ATMOSPHERIC POLLUTION.														
Day 7h-18h, Kew & Croydon.															Milligrams of Solid Impurity per cubic metre.														
9h-18h, Kensington.															HER ended 7h G.M.T. 5h														
9h-21h, other stations.															South Kensington														
Kew															Max. Time Min. Time														
Croydon															1.3 21h 7 0.3 Ch. 8														
Greenwich (Royal Obsy.)															Kew Observatory														
City (Bunhill Row)															Max. Time Min. Time														
Westminster (St. James' Pk.)															1.1 20h 7 0.1 11h 7														
Regent's Pk. (Botanic Gdns.)															Polaris														
Camden Square															13 h. m. h. m. %														
Kensington Palace															8 45 12 4 30														
Hamstead Observatory															Minors														
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.															BEAUFORT NOTATION OF WEATHER.														
Sun 9h 5m 1923.															b blue sky (not more than 2 quarter covered with cloud).														
STATIONS															bo sky partly cloudy (one half covered).														
Sunrise Noon Sunset															c generally cloudy														
G.M.T. G.M.T. G.M.T.															d drizzle. e wet air. g gloomy.														
7.53 11.45 15.37															f fog, visibility 200-1000 m.														
7.54 11.46 15.36															F thick fog. less than 200 m.														
7.54 11.52 15.50															m mist. 1000-12000 m.														
7.55 11.52 15.49															n hail. i intermittent.														
8.50 12.4 15.18															jp precipitation within sight of station.														
8.52 12.5 15.18															KQ line squall. i lightning.														
8.37 12.33 15.28															o overcast sky. p passing showers.														
8.39 12.33 15.28															q squally. r rain. s snow.														
															ra sleet. t thunder.														
															u ugly, threatening sky.														
															v unusual visibility. w dew.														
															x hoar frost. y dry air.														
															z dust haze: the turbid atmosphere of dry weather.														
															h(r) = "hail" or "rain and hail."														
															Capital letters indicate intensity.														
															sumo o indicates slight; repetition of letters indicates continuity.														
															R = heavy rain. r = slight rain.														
															rr = continuous rain.														
															SYMBOLS.														
															< = { less than (for cloud height).														
															Θ = solar halo. W = lunar halo.														
															With present weather is combined, whenever possible, the general character of the weather.														
															A "solidus" divides actual existing weather from preceding conditions.														
															thou - h/c = fair weather after rain;														
															- = has decreased; + = has increased.														
															SEA DISTURBANCE.														
															0 = no swell { Calm or slight sea.														
															1 = mod. swell {														
															2 = heavy swell {														
															3 = no swell { Moderate sea.														
															4 = mod. swell {														
															5 = heavy swell {														
															6 = rather rough sea.														
															7 = rough sea.														
															8 = very rough sea.														
															9 = mountainous sea.														
															Beaufort No. Statute miles per hour.														
															0 Less than 1														
															1 1-3														
															2 4-7														
															3 8-12														
															4 15-18														
															5 19-24														
															6 25-31														
															7 32-38														
															8 39-46														
															9 47-54														
															10 55-63														
															11 64-76														
															12 Above 76														
															TELEGRAPHIC CODE FOR SURFACE VISIBILITY.														
															0 Dense fog. Objects not visible at 65 yards.														
															1 Thick fog. 220														
															2 Fog. 550														
															3 Moderate fog. 1100														
															4 Mist or haze. 11 miles.														
															5 Poor visibility. 94														
															6 Moderate. 84														
															7 Good. 124														
															8 Very good. 21														
															9 Excellent visibility, beyond 21														

¹ Trace = rain has fallen, but amount less than 0.1 mm.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

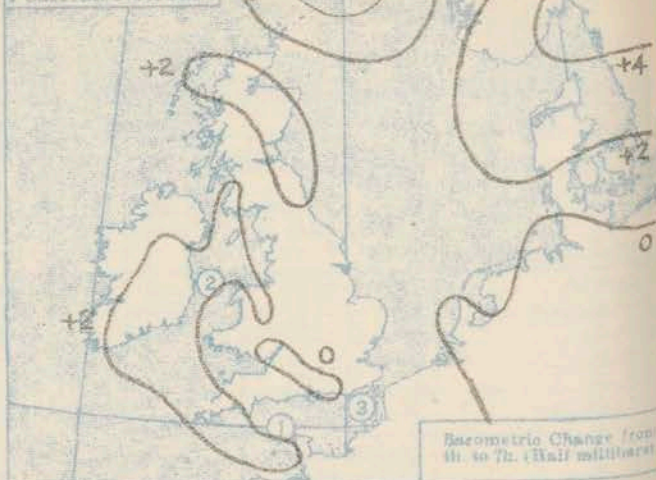
SUMMARY FOR THE PART 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				Bar.
	Th-1st.	1st-2nd.	2nd-3rd.	3rd-4th.	MAX.	MIN.	MIN.	Day 7h-18h.	Night 18h-7h.	Hourly.	Hourly.	
Lerwick ...	dis.c	cpq.b	bcpq.b	bcpq.b	37	34	*	4	8.00	3	21.00	0.2
Stornoway ...	s-rs	ocpr.s	s-rs	cis.bcp	36	33	*	5	8.00	6	21.00	0.1
Wick ...	cihs	cihs	cihs	cihs	37	33	*	8	8.00	5	21.00	*
Tirree ...	prsc	prsc	prsc	bcq	40	36	32	3	8.00	0.1	21.00	1.0
Nairn ...	basp	basp	basp	q.cbc	33	33	*	17	8.00	0.4	21.00	3.2
Aberdeen ...	bcpq.b	bcpq.b	bcpq.b	bcpq.b	34	32	28	1	8.00	1	21.00	4.2
Malin Head ...	cuphr.c	cuphr.c	cuphr.c	cuphr.c	42	38	*	2	9.00	3	21.00	1.9
Renfrew ...	b	b	b	b	38	30	24	0.2	15.30	-	-	5.4
Edinburgh (Inchkeith) ...	cbcb	bb	bb	bb	39	35	31	-	-	-	-	6.1
Leuchars ...	bc	b, bc	b, bc	b, bc	36	31	28	-	-	-	-	5.3
Blackburn ...	bc	b, bc	b, bc	b, bc	34	25	18	-	-	-	-	5.4
Tynemouth ...	b	b	b	b	38	31	26	-	-	-	-	*
Blackpool Point ...	phs	psq	phq	pcbc	44	36	*	6	*	3	*	*
Donaghadee ...	pr.s	cp.s	bcp.s	bcp.s	40	33	*	1	11.00	5	21.00	*
Birr Castle ...	bc	bc	bc	bc	39	29	20	-	-	-	-	3.8
Holyhead ...	bcpq.b	cpq	cpq	cpq	45	39	37	-	-	1	24.00	2.2
Liverpool (Bidston) ...	phcay	pcbc	cpbc	cpbc	42	36	31	0.1	9.00	2	21.00	1.7
Cherter (Sealand) ...	bcpq.b	bcpq.b	bcpq.b	bcpq.b	43	35	29	5	11.00	5	22.00	3.4
Harrogate ...	bcpq.b	b	b	b	38	31	27	Tr	9.00	-	-	2.9
Spurn Head ...	b	b	b	b	41	34	*	-	-	-	-	2.8
Birmingham (Edgbaston) ...	b	b	b	b	41	30	26	-	-	Tr	5.30	4.7
Cranwell ...	b	b	b	b	40	27	25	-	-	-	-	4.1
Gorleston ...	b	b	b	b	41	28	26	-	-	-	-	5.9
Valentia (Cahirciveen) ...	bcpq.b	bcpq.b	bcpq.b	bcpq.b	43	33	28	4	8.00	1	21.00	1.2
Roches Point ...	b	b	b	b	42	35	*	-	-	-	-	*
Pembroke (St. Ann's H.) ...	bcpq.b	b	b	b	46	36	*	Tr	9.00	Tr	5.30	3.3
Ross-on-Wye ...	b	b	b	b	44	26	19	-	-	-	-	5.6
Leafield ...	b	b	b	b	42	28	13	Tr	-	-	-	6.6
Winchester (Worthy Dn) ...	bcpq.b	bcpq.b	bcpq.b	bcpq.b	44	23	15	-	-	-	-	6.9
S. Farnborough ...	b	b	b	b	46	20	13	-	-	-	-	7.0
London (Kew Obs.) ...	b	b	b	b	44	27	16	-	-	0.1	-	6.6
Croydon ...	b	b	b	b	47	26	18	-	-	-	-	6.9
Shoeburyness ...	b	b	b	b	44	28	21	-	-	-	-	5.8
Olacton-on-Sea ...	b	b	b	b	43	29	25	-	-	-	-	6.5
Felixstowe ...	b	b	b	b	43	32	28	-	-	-	-	6.5
Lymington ...	b	b	b	b	44	27	20	-	-	-	-	7.2
Scilly (St. Mary's) ...	bcpq.b	bcpq.b	bcpq.b	bcpq.b	46	37	*	3	8.00	0.5	22.00	2.0
Falmouth (Pendennis) ...	bcpq.b	bcpq.b	bcpq.b	bcpq.b	47	35	*	3	8.00	Tr	21.00	3.6
Plymouth (Cattewater) ...	b	b	b	b	48	33	21	0.2	14.30	-	-	3.8
Portland Bill ...	b	b	b	b	48	34	*	-	-	-	-	*
Southampton (Cable) ...	b	b	b	b	44	29	24	-	-	-	-	6.6
Dungeness ...	b	b	b	b	47	28	*	-	-	-	-	6.4
Guernsey ...	bcpq.b	bcpq.b	bcpq.b	bcpq.b	48	38	*	2	9.00	5	21.00	3.7

ISALLOBARS

8th December

POSITION NUMBERS



Barometric Change from 11. to 12. (Half millibars)

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind.		Weather.	Temp.		Visibility.
			Dir.	Force.		Air.	Sea.	
2	7th 10h.	Scotia	N	5	c	41	52	8
3	8th 2h.	ARUNDEL	N	3	c/r	43	51	7

GENERAL INFERENCE.

An anticyclone off Western Ireland is almost stationary while a very deep depression is moving eastwards near Iceland and another is forming over France. Cold wintry weather will be fairly general.

Further Outlook.

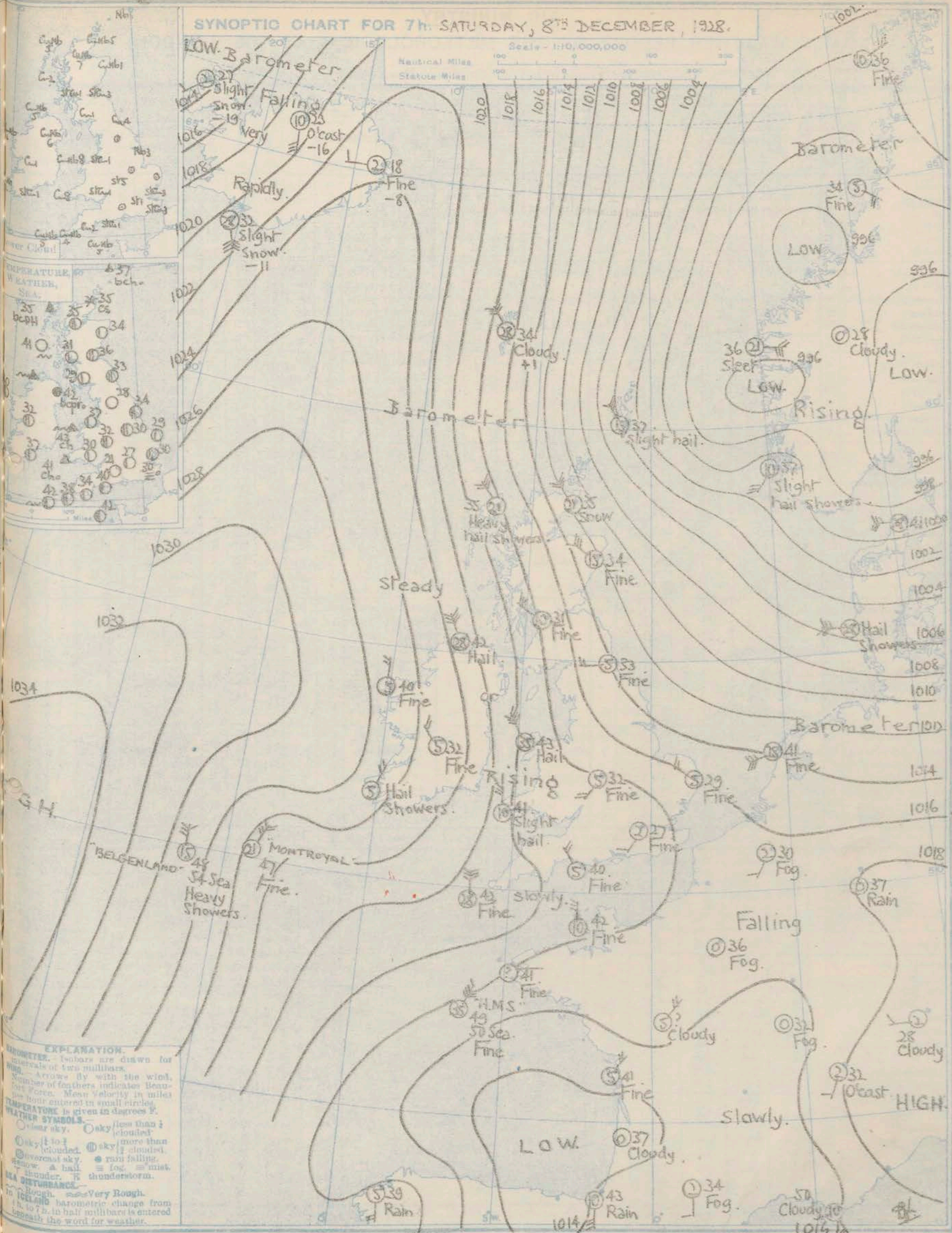
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Saturday, 8th December, 1928.
1. S.E. England	Variable winds, light or moderate; bright intervals, wintry showers; some local mist or fog; cold, sharp frost at night.
2. E. England	
3. E. Midlands	Moderate to fresh northwesterly to variable winds; bright periods; wintry showers; local mist or fog during night; cold, sharp frost at night.
4. W. Midlands	
5. S.W. England	
6. South Wales	Northerly to northeasterly winds, moderate to strong at times; wintry showers but bright periods; local coastal mist or fog at night; cold, sharp frost at night.
7. North Wales	
8. N.W. England	
9. N. Midlands	As 2 - 4
10. N.E. England	
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	Northwesterly winds, backing, strong at times; occasional wintry precipitation, falls of snow probably heavy on higher hills; cold with frost at night then milder.
13. A.W. Scotland	
14. N.W. Scotland	
15. Mid-Scotland	
16. N.E. Scotland	
17. Orkneys and Shetlands	
18. N.W. Ireland	
19. N.E. Ireland	
20. S.W. Ireland	Northerly to variable winds, mainly moderate; bright weather but local wintry showers; cold, frost at night.

South Coast still flying.

SYNOPTIC CHART FOR 7th SATURDAY, 8th DECEMBER, 1928.

Scale - 1:10,000,000

Nautical Miles
Statute Miles



EXPLANATION.
Isobars are drawn for intervals of two millibars.
WIND - Arrows fly with the wind. Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.
Clear sky. Cloudy (less than 1/4). Cloudy (1/4 to 1/2). Cloudy (more than 1/2). Overcast sky. Rain falling. Snow. Hail. Fog. Mist. Thunderstorm.
SEA DISTURBANCE.
Rough. Very Rough. In ICELAND barometric change from 10 to 11 in half millibars is entered beneath the word for weather.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. SATURDAY, 8th DECEMBER. 1928.

No. 343.

STATIONS.	Height above M.S.L. in feet.	Observations at 1h. G.M.T.													Observations at 7h. G.M.T.																					
		Barom. at M.S.L. in mb.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 3.	Cloud.				Barom. at M.S.L. in mb.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 3.	Cloud.				Sea.										
				Direc.	Force 0-12					Low. Height Feet	Form	Amt. 0-10	Upper Form.			Total Amt. 0-10	Direc.					Force 0-12	Low. Height Feet	Form	Amt. 0-10		Upper Form.	Total Amt. 0-10								
																													0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10
Lerwick ...	54	1024.0	+3	NW	4	crs	36	97	7	1500	Nb	6	Asr	10	1003.0	-2	NW	4	bch/r	37	92	7	1500	Nb	6	-	6	4								
Stornoway ...	36	1017.4	+4	N	6	bclps	.	.	7	.	.	.	.	7	1018.2	+2	NNW	5	bclpn	35	85	7	4000	CuNb	5	-	5	.				
Wick ...	81	1009.9	+3	NNW	4	c/s	37	85	8	1500	CuNb	6	Csr	8	1011.8	+2	NNW	5	cs	35	85	8	1500	CuNb	5	Asr	8	.								
Tiree ...	22	.	.	.	.	.	.	.	.	.	.	.	.	.	1020.2	+1	N	7	b	41	85	8	2500	Cu	2	-	2	.
Nairn ...	88	.	.	.	.	.	.	.	.	.	.	.	.	.	1015.4	.	NW	3	bc	35	85	8	1500	CuNb	7	-	7	.
Aberdeen ...	37	.	.	.	.	.	.	.	.	.	.	.	.	.	1012.5	+2	WNW	4	b	34	85	7	2500	CuNb	1	-	1	0
Malin Head ...	61	1020.8	+3	NW	6	bch(r)	42	85	7	4000	CuNb	3	-	3	1022.1	+1	NW	6	bch(r)	42	85	8	4000	CuNb	5	-	5	6								
Renfrew ...	36	.	.	.	.	.	.	.	.	.	.	.	.	.	1018.0	+2	WNW	3	b	31	92	8	4000	St.Cu	1	-	1	.
Edinburgh (Inchkeith) ...	190	1013.7	+5	W	4	b	36	85	9	1500	St	2	-	2	1015.5	+1	WNW	3	bc	36	85	8	1500	St.Cu	3	Acu	4	2								
Leuchars ...	30	.	.	.	.	.	.	.	.	.	.	.	.	.	1015.3	+1	WNW	3	b	35	75	8	4000	St.Cu	2	-	2	.
Eskdalemuir ...	794	.	.	.	.	.	.	.	.	.	.	.	.	.	1017.4	0	NNW	2	b	29	85	8	2500	Cu	1	-	1	.
Tynemouth ...	67	1013.2	+1	W	3	b	33	85	8	1500	Cu	2	-	2	1014.9	+2	W	2	bc	33	75	7	1500	Cu	4	-	4	2								
Blackod Point ...	18	1025.7	+3	NW	5	bc	42	75	7	.	CuNb	6	-	6	1026.4	0	N	2	bc	40	85	7	.	CuNb	4	-	4	5								
Donaghadee ...	40	.	.	.	.	.	.	.	.	.	.	.	.	.	1020.1	+1	NW	6	bclps	42	65	8	2500	CuNb	6	-	6	5
Birr Castle ...	173	.	.	.	.	.	.	.	.	.	.	.	.	.	1024.8	.	NNW	2	bc	32	92	7	2500	Cu	1	Acu	5	.
Holyhead ...	36	1017.6	0	NW	4	ch(r)	43	97	7	2500	CuNb	8	-	8	1018.6	+1	NW/N	7	ch(r)	43	97	8	2500	CuNb	8	-	8	6								
Liverpool (Bidston) ...	189	.	.	.	.	.	.	.	.	.	.	.	.	.	1018.4	+1	N	2	b	37	75	7	2500	St.Cu	1	-	1	.
Chester (Sealand) ...	16	.	.	.	.	.	.	.	.	.	.	.	.	.	1017.7	+2	N	3	b	35	85	7	4000	Cu	1	-	1	.
Harrogate ...	478	.	.	.	.	.	.	.	.	.	.	.	.	.	1016.9	+1	W	2	b	32	85	8	-	-	0	Acu	1	.
Spurn Head ...	29	1014.1	0	WN	5	bc	36	85	6	4000	Nb	3	-	3	1014.5	0	NW/N	5	bc	34	97	7	4000	Nb	3	-	3	4								
Birmingham (Edgbaston) ...	535	.	.	.	.	.	.	.	.	.	.	.	.	.	1018.6	+1	WN	2	bc	32	92	5	1500	St	5	-	5	.
Cranwell ...	238	1016.2	+1	W/S	4	b	30	92	6	2500	St.Cu	1	-	1	1017.1	+1	W	3	b	28	97	5	-	-	0	-	0	.								
Gorleston ...	14	1016.2	0	W/S	2	b	31	97	5	-	-	0	-	0	1016.0	0	W/N	2	b+	29	85	5	-	-	0	Cu	1	0								
Valentia (Cahirvee) ...	30	1025.0	+3	W	3	b	41	92	8	-	-	0	-	0	1027.2	+1	NE/N	2	b/ph	39	85	8	2500	CuNb	2	-	2	3								
Roches Point ...	22	.	.	.	.	.	.	.	.	.	.	.	.	.	1025.3	+3	N	3	b	37	97	8	2500	St.Cu	1	-	1	0
Pembroke (St. Ann's H.) ...	150	1019.5	+1	NN	4	bct	42	75	8	1500	Cu	5	-	5	1019.9	0	N	3	ch(r)	41	92	8	1500	Cu	8	-	8	3								
Ross-on-Wye ...	223	.	.	.	.	.	.	.	.	.	.	.	.	.	1019.2	-1	SW	1	b	30	85	8	4000	St.Cu	1	-	1	.
Leafield ...	612	.	.	.	.	.	.	.	.	.	.	.	.	.	1018.3	0	W	3	c+	32	85	8	4000	St.Cu	8	-	8	.
Winchester (Worthy Dn.) ...	272	.	.	.	.	.	.	.	.	.	.	.	.	.	1019.5	0	NW/N	2	b	26	97	7	4000	St.Cu	1	-	1	.
S. Farnborough ...	237	.	.	.	.	.	.	.	.	.	.	.	.	.	1018.9	-1	W	1	b	21	92	7	-	-	0	-	0	.
London (Kew Obs.) ...	18	.	.	.	.	.	30	.	.	.	.	.	.	.	1018.8	0	SW/N	1	b	27	97	5	2500	St	1	-	1	.
Croydon ...	244	1018.6	+1	WNW	1	b	30	92	5	-	-	0	-	0	1018.4	0	W/N	2	b+	29	85	6	-	-	0	Acu	1	.								
Shoeburyness ...	11	.	.	.	.	.	.	.	.	.	.	.	.	.	1017.9	0	W	1	ffb	29	97	3	-	-	0	Asr	1	.
Glaston-on-Sea ...	54	.	.	.	.	.	.	.	.	.	.	.	.	.	1017.1	0	WNW	3	bc	30	85	7	4000	St.Cu	3	-	3	1
Felixstowe ...	15	.	.	.	.	.	.	.	.	.	.	.	.	.	1017.4	+1	W/N	3	b	32	85	7	-	-	0	Acu	1	1
Lympe ...	360	1017.4	+1	NW	4	b	31	85	6	-	-	0	-	0	1017.9	+1	NW/N	3	b	27	92	5	-	-	0	Cu	1	.								
Seilly (St. Mary's) ...	163	1019.1	+2	N/E	6	bc	42	75	8	4000	CuNb	5	-	5	1021.3	+1	N	6	bc	42	75	8	4000	CuNb	5	-	5	6								
Falmouth (Pendennis) ...	200	1019.3	+3	NE	2	bc-	39	75	7	4000	CuNb	3	-	3	1021.4	+2	N/E	1	bct	38	75	8	4000	CuNb	4	Acu	6	1								
Plymouth (Cattewater) ...	88	.	.	.	.	.	.	.	.	.	.	.	.	.	1020.9	+2	-	0	b	34	85	8	4000	Cu	2	-	2	0
Portland Bill ...	32	1018.0	+1	NNE	3	b-	38	75	8	2500	St.Cu	1	Asr	2	1018.6	0	NNW	2	b	40	65	8	2500	St.Cu	1	-	1	0								
Southampton (Calshot) ...	10	1018.7	0	N/E	2	bct	35	85	7	-	-	0	Ci	6	1019.1	+1	NW	2	b	29	92	7	2500	St.Cu	1	-	1	0								
Bungness ...	20	1017.6	+3	N	1	fb-	31	92	4	-	-	0	-	0	1018.2	+1	NNW	1	mmbc	30	92	4	2500	St.Cu	3	-	3	1								
Guernsey (Fort George) ...	295	1018.0	+1	NNE	1	orr	40	92	7	1500	Nb	10	-	10	1018.8	+2	N	3	bc-	42	65	9	2500	CuNb	5	-	5	2								

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 7th DECEMBER.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Forenoon.	Afternoon.	Min. 9h. to 1h.	Max. 9h. to 1h.	Night 11h. to 1h.	Day 9h. to 1h.	Sunrise to Sunset.								
			°	°	mm.	mm.	hr.								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Bude ...	...	...	...	...	...	...	...
								Penzance ...	bcp	bcp	37	42	1	4	1.7
								Paignton ...	bcr	cdr	41	47	2	5	1.8
Berwick-on-Tweed	bc	bc	35	42	0.2	-	5.3	Torquay ...	bm	bac	35	43	-	-	5.3
Douglas (I.o.M.) ...	cbph	cops	37	43	-	2	1.8	Jersey ...	bwm	bmbccom	38	49	-	-	6.0
Llandudno ...	phc	bc	40	45	0.2	0.1	2.1	Weymouth ...	rcbc	bcrhag	46	50	3	7	4.7
Colwyn Bay ...	bbscp	cb	39	44	0.3	0.3	2.1		b	bbscpb	39	49	-	0.6	6.0
Rhyl ...	rs	rsrh	39	43	0.3	0.3	1.9	Bournemouth ...		bbs	36	45	1	-	6.1
Wallasey ...	bc cph	bcpbc	40	43	1	?	1.4	Ventnor ...	rb	b	40	47	1	-	6.4
Southport ...	dhocbc	bcbcb	39	43	0.2	1	1.8	Portsmouth (S'thsea)	b	b	39	45	1	-	6.8
Blackpool ...	cphr	bc	38	42	2	0.5	1.4	Bognor ...	b	b	35	45	2	-	6.7
Hkley ...	bc	bc	33	41	1	-	2.6	Littlehampton ...	b	b	34	45	2	-	6.5
Cleethorpes ...	c	bc	34	41	-	-	1.9	Worthing ...	b	b	34	45	2	-	7.1
Skegness ...	bxbbc	ocb	34	40	0.2	-	1.9	Brighton ...	b	b	39	44	2	-	6.8
								Eastbourne ...	b	b	39	46	3	-	7.0
Aberystwyth ...	bcc	bcc	42	43	-	-	3.7	Hastings|| ...	xb	b	35	46	4	-	6.9
Bath ...	bcb	b	32	44	0.3	-	5.7	Folkestone ...	xbzbm	bmbcm	35	45	3	-	6.6
Chesterhamph ...	bxb	b	34	47	-	-	5.0	Dover ...	b	bmi	37	46	5	-	7.0
Leamington Spa ...	bc	bc	30	42	-	-	5.0	Tanbridge Wells ...	b	bbcm	34	45	2	-	7.2
Lowestoft ...	b	b	34	43	0.4	-	5.9	Ramsgate ...	b	b	36	45	2	-	6.8
Harwich & Dovercourt	b	b	35	42	2	-	6.7	Margate ...	b	bbs	37	45	1	-	6.9
Maldon ...	b	b	35	43	2	-	6.2	Deal ...	b	b	37	43	3	-	7.0
Southsea ...	b	b	36	43	1	-	5.1								



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.24489

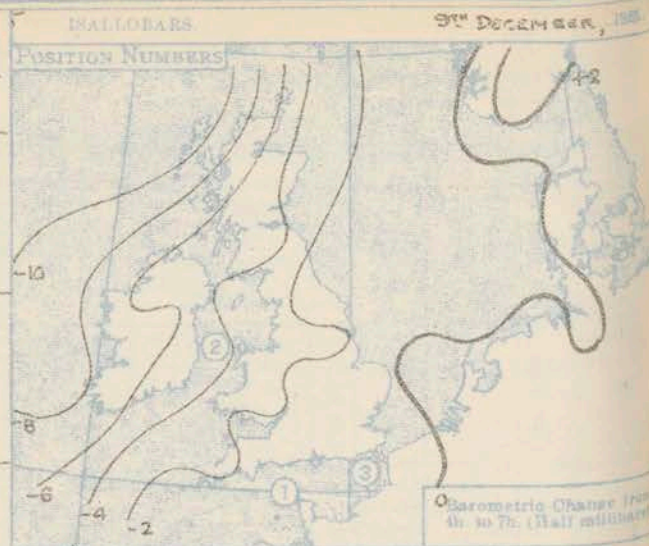
SUNDAY 9th DECEMBER 1928.

Page 1.

Observations at 18h. G.M.T.														Observations at 18h. G.M.T.													
STATIONS.														STATIONS.													
(For heights see p. 4).														(For heights see p. 4).													
Barom. at M.S.L.														Barom. at M.S.L.													
Change in 3 Hours.														Change in 3 Hours.													
Wind.														Wind.													
Direc. Force														Direc. Force													
0-12														0-12													
Weather.														Weather.													
Temp.														Temp.													
Humidity.														Humidity.													
0-9														0-9													
Cloud.														Cloud.													
Low. Upper Total														Low. Upper Total													
Height Form Amt.														Height Form Amt.													
0-10 0-10 0-10														0-10 0-10 0-10													
State of ground.														State of ground.													
0-9														0-9													
Lerwick	1007.7	-2	NW	7	bc	40	35	7	1500	Ca	7	-	7	1009.6	-2	N	5	4/6	40	30	7	1500	Ca	5	7/8	3	0
Stornoway	1007.1	0	NNW	4	bc	38	35	7	1500	Ca	7	Cl. St.	5	1008.4	-1	NNW	4	bc	35	35	7	1500	Ca	5	-	5	4
Wick	1007.1	0	NNW	4	bc	38	35	7	1500	Ca	6	7/8	8	1013.9	0	NNW	3	bc	36	35	8	1500	Ca	4	-	4	3
Three	1007.0	0	NW	6	bc	40	32	8	2500	Ca	3	-	3	1019.9	0	N	4	bc	39	35	8	2500	Ca	3	-	3	4
Naith	1013.6	0	NNW	4	4/5	36	35	9	1500	Ca	1	-	1	1017.1	-	NW	1	bc	35	75	9	2500	St. Ca.	5	-	5	-
Aberdeen	1013.6	0	NNW	4	4/5	36	35	9	1500	Ca	1	-	1	1014.2	0	NNW	4	4/5	35	30	8	1500	Ca	1	-	1	3
Malin Head	1022.9	0	NW	6	bc	40	35	8	1500	Ca	3	-	3	1021.8	-1	NW	4	bc	40	65	8	1500	Ca	6	-	6	5
Benbow	1027.0	0	W	3	bc	39	35	8	1500	Ca	3	-	3	1027.0	0	W	2	bc	33	35	8	-	0	-	0	-	0
Edinburgh (Leith)	1016.6	0	NNW	4	bc	39	35	8	1500	Ca	4	A. Ca.	5	1016.8	0	NNW	4	bc	37	75	8	1500	Ca	3	-	3	1
Leuchars	1015.7	0	NW	5	bc	39	35	8	1500	St. Ca.	1	-	1	1016.6	0	NW	4	bc	36	65	8	1500	St. Ca.	2	-	2	-
Kirkcaldy	1015.0	-1	NNW	4	bc	38	35	8	-	0	-	0	3	1015.0	0	SW	3	bc	31	65	8	-	0	-	0	-	0
Tynemouth	1015.7	0	NW	4	bc	38	35	7	1500	Ca	4	-	4	1017.1	0	NNW	2	bc	33	75	7	1500	Ca	3	-	3	2
Blackhead Point	1026.7	0	NNW	3	bc	40	35	8	-	0	0	6	6	1026.2	-2	W	3	bc	39	35	7	-	0	-	0	-	0
Donaghadee	1021.9	0	N	6	bc	38	35	8	2500	Ca	5	-	5	1021.5	0	NNW	4	bc	35	35	8	2500	Ca	4	-	4	3
Birr Castle	1025.2	0	N	3	bc	38	35	7	300	St.	9	-	9	1024.3	0	N	2	bc	33	35	7	300	St.	2	A. Ca.	3	0
Holyhead	1022.4	0	NNW	6	bc	40	35	8	2500	Ca	6	-	6	1022.0	0	NNW	6	bc	40	75	8	2500	St. Ca.	7	-	7	5
Liverpool (Bidston)	1019.4	0	NNW	3	bc	40	35	8	2500	Ca	1	-	1	1019.4	0	NNW	4	bc	39	65	8	2500	Ca	1	-	1	-
Chester (Sealand)	1019.0	0	NNW	4	bc	42	35	8	1500	Ca	5	-	5	1019.1	0	NNW	4	bc	36	75	7	2500	St.	1	-	1	-
Wexford	1017.3	0	WS	2	bc	38	35	8	-	0	A. Ca.	1	-	1018.2	0	WSW	2	bc	30	35	7	-	0	-	0	-	0
Arran Head	1016.1	0	NW	5	bc	38	35	7	500	St. Ca.	3	-	3	1016.7	0	NNW	6	bc	37	75	7	1500	St.	3	-	3	5
Birmingham (Edgbaston)	1019.5	0	NNW	2	mb	38	35	4	-	0	-	0	1	1019.3	0	NNW	2	mb	34	35	4	-	0	-	0	-	0
Canterbury	1018.7	0	NW	3	bc	36	35	6	-	0	-	0	6	1018.7	0	NNW	3	bc	31	35	6	-	0	-	0	-	0
Gorleston	1016.7	0	NNW	3	bc	36	35	5	-	0	0	0	1	1017.1	0	WN	2	bc	32	35	5	-	0	-	0	-	0
Valentia (Oahirovee)	1027.6	-1	NE	4	4/5	40	35	8	1500	St.	8	-	8	1026.3	0	NEE	3	bc	40	35	8	1500	St.	8	-	8	3
Roche Point	1026.0	-2	N	3	bc	40	35	8	2500	St. Ca.	2	-	2	1025.7	0	N	3	bc	40	35	8	1500	St. Ca.	1	-	1	0
Pembroke (St. Ann's H.)	1021.8	0	N	3	bc	40	35	8	1500	Ca	6	A. Ca.	9	1021.8	0	NNW	3	bc	40	35	8	1500	Ca	5	-	5	2
Roseau-Wye	1020.0	0	NNW	2	bc	40	35	8	1500	Ca	1	-	1	1020.2	0	SW	1	bc	33	35	7	-	0	-	0	-	0
Leafield	1019.4	0	NNW	3	bc	36	35	8	300	St.	2	-	2	1019.0	0	NNW	2	bc	31	35	7	2500	St. Ca.	1	-	1	-
Winchester (Worthy Is.)	1019.3	-1	NNW	3	bc	38	35	8	1500	Ca	1	-	1	1020.0	0	WN	1	bc	32	35	8	-	0	-	0	-	0
St. Farnborough	1019.4	0	NNW	3	bc	38	35	7	1500	Ca	1	-	1	1020.2	0	NNW	1	bc	29	35	6	-	0	-	0	-	0
London (Kew Obs.)	1019.2	0	NNW	2	4/5	36	35	6	2500	Ca	1	-	1	1019.7	0	W	1	4/5	31	35	3	-	0	-	0	-	0
Croydon	1019.2	0	NNW	3	mb	37	35	4	-	0	-	0	2	1019.7	0	NNW	2	mb	31	35	4	-	0	-	0	-	0
Sheerness	1018.4	0	WN	1	bc	38	35	7	-	0	-	0	0	1018.8	0	WN	2	bc	32	35	8	-	0	-	0	-	0
Clouston-on-Sea	1017.9	0	WN	3	bc	38	35	7	-	0	-	0	1	1018.3	0	NNW	3	bc	33	35	6	-	0	-	0	-	0
Falkstone	1017.9	0	WN	3	bc	38	35	7	-	0	-	0	1	1018.3	0	WN	2	bc	34	35	6	-	0	-	0	-	0
Lymington	1018.3	0	NNW	2	bc	38	35	5	-	0	-	0	5	1019.0	0	NNW	3	4/5	30	35	3	-	0	-	0	-	0
Billy (St. Mary's)	1024.5	0	NW	6	bc	40	35	7	1500	Ca	5	-	5	1024.5	0	NW	5	bc	40	75	8	1500	Ca	5	-	5	5
Falmouth (Pendennis)	1024.2	-1	NNE	3	4/5	40	35	7	1500	Ca	6	A. Ca.	8	1024.0	0	NNE	2	bc	38	75	7	1500	Ca	5	-	5	0
Plymouth (Cattewater)	1024.3	-1	NNE	4	4/5	40	35	8	1500	Ca	2	A. Ca.	2	1024.6	0	N	1	bc	37	35	3	2500	Ca	1	-	1	0
Portland Bill	1024.6	0	N	3	bc	40	35	8	1500	Ca	1	-	1	1024.0	0	N	2	bc	39	75	6	1500	St.	1	-	1	1
Whitlington (Calshot)	1024.5	-1	NNW	4	4/5	40	35	6	1500	Ca	1	-	1	1024.6	0	WN	2	bc	32	35	6	-	0	-	0	-	0
Wexford	1024.2	-1	NNW	2	bc	39	35	7	-	0	0	7	7	1024.1	0	N	2	4/5	29	35	3	-	0	-	0	-	0
Gorleston	1024.0	0	N	3	bc	40	35	9	2500	Ca	3	-	3	1024.0	0	N	3	bc	40	65	8	2500	Ca	3	-	3	1
LONDON OBSERVATIONS.														LONDON OBSERVATIONS.													
Day 7h-12h, Kew & Croydon.														Day 7h-12h, Kew & Croydon.													
2h-12h, Kensington.														2h-12h, Kensington.													
2h-12h, other stations.														2h-12h, other stations.													
Kew														Kew													
Croydon														Croydon													
Greenwich (Royal Obs.)														Greenwich (Royal Obs.)													
City (Barbican Bow)														City (Barbican Bow)													
Westminster (St. James' Park)														Westminster (St. James' Park)													
Regent's Park (Botanic Garden)														Regent's Park (Botanic Garden)													
Garden Square														Garden Square													
Kensington Palace														Kensington Palace													
Hampton Observatory														Hampton Observatory													
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.														TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.													
STATIONS.														STATIONS.													
Sunrise.														Sunrise.													
Noon.														Noon.													
Sunset.														Sunset.													
Greenwich														Greenwich													
Wick														Wick													
Valentia														Valentia													
Belfast														Belfast													
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Liverpool														Liverpool													
Manchester														Manchester													
Birmingham																											

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SON 8 th Hours.
	7h-12h 8 th	12h-18h 8 th	18h-24h 9 th	1h-7h 9 th	MAX. Day.	MIN. Night.	MIN. on 9 th	Day 7h-12h	Night 12h-18h	18h-7h	
	5 th	6 th	7 th	8 th	7h-12h	12h-18h	18h-7h	mm.	began.	mm.	
Lerwick ...	bc, hr	bc, RS	bc	bc	41	37	.	8	8.00	-	0.3
Stornoway ...	bc, ph	bc, ph	c	r-d	38	33	.	2	8.00	2 4.30	1.5
Wick ...	bc, hr	bc, hr	b-bc	c	40	32	.	1	8.00	-	.
Tirree ...	bc	bc, pr	bc	cor	40	34	29	0.3	8.00	2 1.30	1.5
Kairn ...	bc	bc, pr	bc, pr	bc	37	32	.	0.2	8.00	0.1 22.00	2.4
Aberdeen ...	bc, pr	bc, pr	b	bc	37	29	22	2	9.00	-	3.8
Malin Head ...	bc, ph	bc, ph	bc, bc	cc	43	37	.	0.1	8.00	-	2.7
Beafrew ...	bc, b	bc, b	bc	bc, x	39	27	20	-	-	Tr. 6.30	6.2
Edinburgh (Inchkeith) ...	bc, bc	bc, bc	bc	bc, m	40	33	30	-	-	-	4.8
Leuchars ...	bc, b	bc	bc	bc, bc, x	39	28	23	-	-	-	6.0
Edinburgh (Leith) ...	bc, b	bc	b	bc, bc, x	35	21	17	-	-	-	6.2
Tynemouth ...	bc	bc	bc	bc	39	29	25	-	-	-	.
Blackhead Point ...	bc, pr	bc, pr	bc, pr	bc, pr	43	37	.	1	8.00	0.1	.
Donaghadee ...	bc, pr	bc, pr	bc, pr	bc, pr	43	33	.	1	8.00	0.5 21.00	.
Birr Castle ...	bc	bc	bc	bc	38	23	15	-	-	-	3.6
Holyhead ...	bc, pr	bc, pr	bc	bc	44	40	38	1	8.00	-	2.6
Liverpool (Bidston) ...	bc	bc	bc, pr	bc, pr	41	35	28	-	-	1 22.00	5.4
Chester (Sealand) ...	bc	bc	bc, pr	bc, pr	43	29	21	-	-	0.3 21.00	4.9
Harrogate ...	bc	bc	bc	bc	38	26	20	-	-	-	6.1
Spurn Head ...	bc	bc	bc	bc	39	32	.	-	-	-	6.1
Birmingham (Edgbaston) ...	bc, bc	bc	bc	bc	38	29	22	-	-	-	3.9
Cranwell ...	bc, bc	bc, bc	bc	bc	36	25	22	-	-	-	4.9
Gorleston ...	bc, bc	bc, bc	bc	bc	37	25	23	-	-	-	5.2
Valentia (Cahirivosa) ...	bc	bc	bc	bc	42	35	32	5	9.00	1 21.00	0.6
Roche Point ...	bc	bc	bc	bc	43	34	.	-	-	-	.
Pembroke (St. Ann's H.) ...	bc, bc	bc	bc	bc	44	37	.	0.5	8.00	-	1.8
Ross-on-Wye ...	bc	bc	bc	bc	40	24	17	-	-	-	6.9
Leafield ...	bc	bc	bc	bc	36	26	15	-	-	-	6.8
Winchester (Worthy De) ...	bc, bc	bc	bc	bc	38	19	12	-	-	-	6.6
S. Farnborough ...	bc, bc	bc	bc	bc	39	19	11	-	-	Tr.	6.3
London (Kew Obs.) ...	bc, bc	bc	bc	bc	37	25	15	-	-	0.1	6.3
Oxford ...	bc, bc	bc	bc	bc	38	25	16	-	-	-	6.3
Shoeburyness ...	bc	bc	bc	bc	39	24	17	-	-	-	6.0
Clacton-on-Sea ...	bc, bc	bc	bc	bc	37	25	23	-	-	-	6.7
Felixstowe ...	bc	bc	bc	bc	38	29	25	-	-	-	6.5
Lynn ...	bc, bc	bc	bc	bc	38	22	17	-	-	-	6.0
Scilly (St. Mary's) ...	bc, bc	bc	bc	bc	45	39	.	0.5	8.00	0.5 21.00	5.0
Falmouth (Pendennis) ...	bc, bc	bc	bc	bc	45	35	.	3	8.00	Tr. 22.00	1.9
Plymouth (Ottewater) ...	bc, bc	bc	bc	bc	44	30	24	Tr.	9.00	-	5.0
Portland Bill ...	bc	bc	bc	bc	42	33	.	-	-	-	.
Southampton (Calshot) ...	bc, bc	bc	bc	bc	40	26	17	-	-	-	6.8
Dungeness ...	bc, bc	bc	bc	bc	39	25	.	-	-	-	6.1
Guernsey ...	bc	bc	bc	bc	44	37	.	-	-	-	6.1



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind.		Weather.	Temp.	
			Dir.	Force.		Air.	Sea.
2	8 th 10h	Cambria	NW	6	c	42	52
1	12h	St. Helier	NNW	4	bc	45	53
3	9 th 2h	Dieppe	NNW	1	bc	42	51

GENERAL INFERENCE.

An anticyclone stretches from the Bay of Biscay to the Azores, while a depression centred to the south of Iceland will move eastwards. Weather will become unsettled and milder over a large part of the kingdom for a time. Snow is to be expected on high ground in the North.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Sunday, 9th December, 1928.	Farther Outlook.
1. S.E. England	Light variable winds, freshening later from S.W.; mainly bright at first, cloud increasing; some mist or fog inland night and morning; cold at first with frost at night, then temperature rising.	None issued.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Wind S.W., light, freshening; becoming cloudy, perhaps some drizzle or rain later; temperature rising.	
6. South Wales		
7. North Wales		
8. N.W. England	Wind S.W., moderate to fresh; cloudy, some rain or drizzle; snow on high ground; improving later; temperature rising.	
9. N. Midlands		
10. N.E. England		
11. S.E. Scotland		
12. S.W. Scotland	Wind S.W., freshening to strong and approaching gale on coasts; cloudy, some rain; snow on high ground; improving later; temperature rising.	
13. W. Scotland		
14. Mid-Scotland		
15. N.E. Scotland		
16. Orkneys and Shetlands	Wind S.W., moderate or fresh; cloudy, some rain or drizzle; improving later; temperature rising.	
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

Meteorological Office: Air Ministry, Kingsway, London, W.C.2.

Forecasts issued at

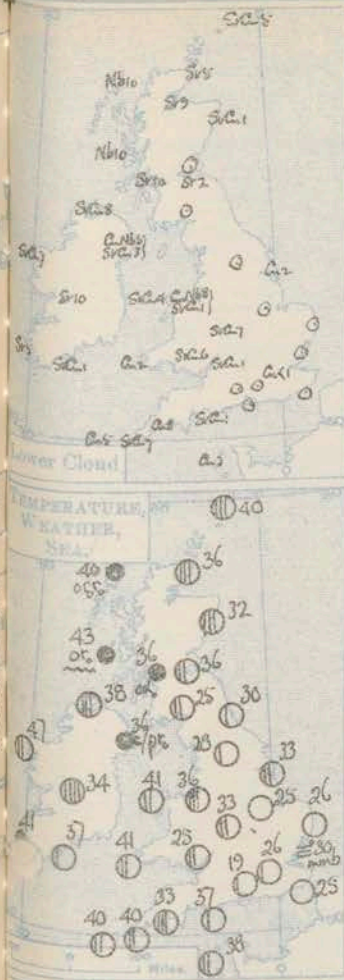
1230 G.M.T.

G. C. SIMPSON, F.R.S., Director.

† Trace = rain has fallen, but amount less than 0.1 inch.

SYNOPTIC CHART FOR 7h. SUNDAY, 9th DECEMBER, 1928.

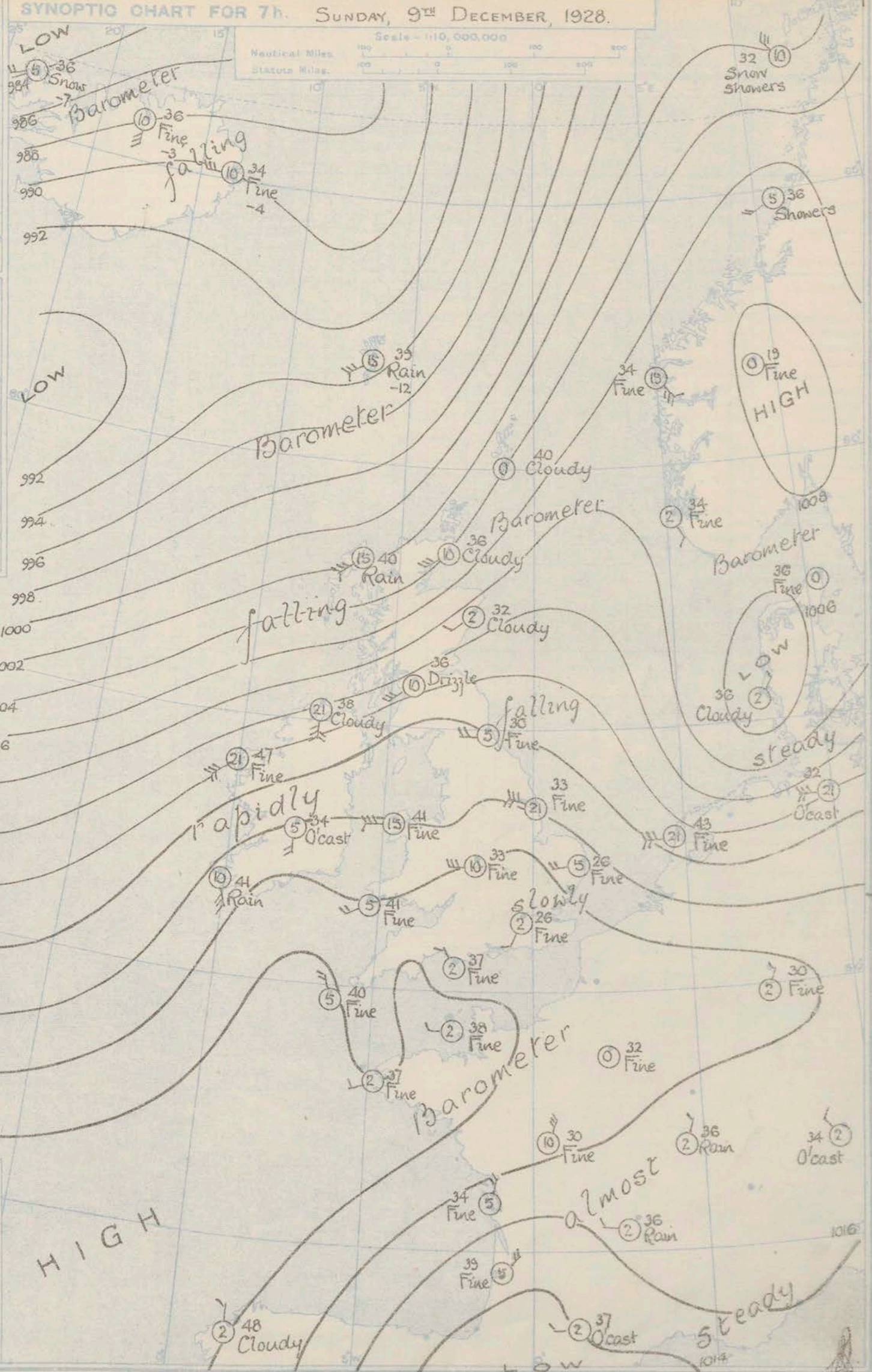
Scale - 1:10,000,000
Nautical Miles
Statute Miles



TEMPERATURE, WEATHER, SEA.

Station	Temp	Weather	Sea
40	36		
43	36		
38	36		
36	36		
35	36		
34	36		
33	36		
32	36		
31	36		
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10	36		
9	36		
8	36		
7	36		
6	36		
5	36		
4	36		
3	36		
2	36		
1	36		

EXPLANATION.
BAROMETER. - Isobars are drawn for intervals of two millibars.
WIND. - Arrows show the wind direction. Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circles.
TEMPERATURE. - In degrees F.
WEATHER SYMBOLS.
Clear sky. Onky (less than 1/2 clouded). Onky (more than 1/2 clouded). Overcast sky. Rain falling. Snow. A hail. Fog. Thunder. Thunderstorm.
SEA DISTURBANCE.
Calm. Very Rough. In Iceland barometric change from 12 to 7 h. in half millibars is entered beneath the word for weather.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. SUNDAY 9TH DECEMBER 1928.

No. 344.

STATIONS	Height above M.S.L. in feet	Observations at 1h. G.M.T.											Observations at 7h. G.M.T.											Sea.						
		Barom. at M.S.L.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 1/2	Cloud.			Barom. at M.S.L.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 1/2	Cloud.									
				Direc.	Force					Height	Form	Amt.			Direc.	Force					Height	Form	Amt.							
																									Low.	Upper	Total	Low.	Upper	Total
Larwick	54	1008.3	-1	W'N	2	bc	38	92	8	1500	StCu	3	-	3	1004.8	-3	-	0	C	40	75	8	1500	StCu	5	AST	10	-		
Stornoway	80	1013.4	-6	W	3	C+	38	92	6	2500	StCu	4	AST	6	1001.8	-11	SW	4	orr	40	92	6	2500	Nb	10	-	10	4		
Wick	81	1012.7	-2	NNW	3	bc	38	92	8	2500	StCu	4	AST	6	1005.7	-6	SW	3	C+	36	85	8	1500	St	5	AST	10	3		
Tiree	23	1012.7	-2	NNW	3	bc	38	92	8	2500	StCu	4	AST	6	1006.2	-8	W	6	orr	43	97	7	800	Nb	10	-	10	6		
Nairn	82	1012.7	-2	NNW	3	bc	38	92	8	2500	StCu	4	AST	6	1006.0	-8	NW	1	C+	35	85	7	1500	St	9	-	9	-		
Aberdeen	37	1012.7	-2	NNW	3	bc	38	92	8	2500	StCu	4	AST	6	1005.8	-3	SW	1	C+	32	75	8	2500	StCu	1	AST	9	0		
Malin Head	51	1018.1	-4	WSW	3	C	41	92	8	5700	StCu	2	AST	10	1010.3	-6	S	5	C	38	97	7	5700	StCu	8	AST	10	2		
Kenfrew	36	1018.1	-4	WSW	3	C	41	92	8	5700	StCu	2	AST	10	1011.8	-5	SW	3	od.	36	85	7	2500	St	10	-	10	4		
Edinburgh (Inchkeith)	190	1015.5	-2	WNW	4	b	35	85	8	800	St	2	-	2	1011.9	-4	WSW	4	bc	36	85	8	1500	St	2	ACu	4	2		
Leuchars	30	1015.5	-2	WNW	4	b	35	85	8	800	St	2	-	2	1011.2	-5	WSW	2	C	32	85	8	-	-	0	AST	8	-		
Eskdalemuir	794	1015.5	-2	WNW	4	b	35	85	8	800	St	2	-	2	1014.5	-4	SSE	1	bc	25	92	7	-	-	0	AST	3	-		
Tynemouth	87	1015.9	-1	W	2	bc	30	85	7	800	St	3	-	3	1013.9	-1	W	2	b	30	85	6	1500	Cu	2	-	2	1		
Blacksod Point	18	1019.8	-3	W	3	bc	44	75	7	-	CuNb	7	-	7	1011.8	-6	SW	5	bc	47	85	7	-	StCu	7	-	7	5		
Donaghadee	40	1019.8	-3	W	3	bc	44	75	7	-	CuNb	7	-	7	1015.5	-4	W	3	clpr.	36	92	7	2500	CuNb	8	-	8	3		
Birr Castle	173	1019.8	-3	W	3	bc	44	75	7	-	CuNb	7	-	7	1016.0	-4	S	2	p+	34	92	6	450	St	10	-	10	1		
Holyhead	26	1019.2	-2	NNW	5	bc	42	75	8	2500	Cu	4	-	4	1016.1	-4	W	4	bc	41	85	8	2500	StCu	4	-	4	1		
Liverpool (Bidston)	180	1019.2	-2	NNW	5	bc	42	75	8	2500	Cu	4	-	4	1016.0	-3	SWW	3	C-	36	92	7	2500	CuNb	9	-	9	-		
Chester (Sealand)	16	1019.2	-2	NNW	5	bc	42	75	8	2500	Cu	4	-	4	1016.5	-2	SSW	2	bcph	36	85	7	4000	StCu	6	Ci	7	-		
Harrogate	478	1016.7	0	WNW	5	bc	35	85	7	4000	Nb	3	-	3	1015.6	-1	SW	2	b	28	85	6	-	-	0	ACu	1	-		
Spurn Head	29	1016.7	0	WNW	5	bc	35	85	7	4000	Nb	3	-	3	1015.7	-2	WNW	5	bc	33	75	7	5700	StCu	3	-	3	5		
Birmingham (Edgbaston)	535	1018.6	0	W	3	b	27	92	5	-	-	0	-	0	1018.1	-1	W	3	bc+	33	85	8	2500	StCu	7	-	7	-		
Cranwell	230	1018.6	0	W	3	b	27	92	5	-	-	0	-	0	1018.2	-1	WSW	3	b	25	97	5	4000	StCu	7	-	7	-		
Gorleston	14	1017.2	0	W'S	2	b	28	92	5	-	-	0	-	0	1016.8	0	W'S	2	b	26	92	5	-	-	0	-	0	0		
Valentia (Cahiriveen)	30	1022.6	-5	-	0	orr	39	97	6	-	St	10	-	10	1017.0	-8	SSE	3	cr.	41	85	8	2500	St	5	AST	10	4		
Roches Point	22	1022.6	-5	-	0	orr	39	97	6	-	St	10	-	10	1019.2	-5	N	1	b	37	85	8	2500	StCu	1	-	1	0		
Pembroke (St. Ann's H.)	150	1021.8	0	NW	2	bc	40	75	8	1500	Cu	3	CiSt	5	1018.3	-2	WSW	2	bc	41	75	8	2500	Cu	2	ACu	4	1		
Ross-on-Wye	223	1021.8	0	NW	2	bc	40	75	8	1500	Cu	3	CiSt	5	1018.5	-2	SW	1	bc+	25	92	8	4000	StCu	6	-	6	-		
Leafield	618	1021.8	0	NW	2	bc	40	75	8	1500	Cu	3	CiSt	5	1018.0	-1	W'N	3	b	29	97	8	4000	StCu	1	-	1	-		
Winchester (Worthy Dn.)	272	1019.7	-1	W	2	b	28	92	5	-	-	0	-	0	1019.5	-1	-	0	b	21	97	7	-	-	0	-	0	-		
S. Farnborough	257	1019.7	-1	W	2	b	28	92	5	-	-	0	-	0	1019.3	-1	-	0	b	19	92	6	-	-	0	CiSt	1	-		
London (Kew Obs.)	18	1019.7	-1	W	2	b	28	92	5	-	-	0	-	0	1018.4	-1	SW'S	1	b	26	97	5	2500	Cu	1	AST	1	-		
Croydon	244	1019.7	-1	W	2	b	28	92	5	-	-	0	-	0	1018.9	-1	W'S	2	b+	25	92	6	4000	StCu	1	-	1	-		
Shoeburyness	11	1019.1	0	NW	3	mmb	26	92	4	-	-	0	-	0	1018.2	-1	WNW	2	fb	26	97	3	-	-	0	-	0	-		
Glaston-on-Sea	54	1019.1	0	NW	3	mmb	26	92	4	-	-	0	-	0	1017.7	-1	WNW	3	b	27	75	6	-	-	0	-	0	0		
Felixstowe	15	1019.1	0	NW	3	mmb	26	92	4	-	-	0	-	0	1018.0	0	W'N	3	mmb	30	92	4	-	-	0	-	0	1		
Lympne	355	1019.1	0	NW	3	mmb	26	92	4	-	-	0	-	0	1018.2	-1	NW	3	ffb	24	97	3	-	-	0	-	0	-		
Scilly (St. Mary's)	163	1021.4	-2	N'W	4	bc	41	75	8	4000	CuNb	4	-	4	1020.2	-1	NNW	2	bc	40	65	8	4000	Cu	5	-	5	2		
Falmouth (Pendennis)	260	1021.6	0	-	0	bc	37	87.5	87	4000	StCu	3	-	3	1019.5	-2	-	0	bc+	40	75	7	4000	StCu	7	-	7	0		
Plymouth (Cattewater)	82	1021.6	0	-	0	bc	37	87.5	87	4000	StCu	3	-	3	1020.2	-2	-	0	C+	33	92	8	4000	Cu	8	-	8	0		
Portland Bill	32	1020.5	0	NNW	2	b	37	75	6	2500	Cu	1	-	1	1018.6	-1	NNW	1	b	37	75	8	2500	StCu	1	-	1	0		
Southampton (Calshot)	10	1020.4	-1	NNW	2	b	31	85	6	-	-	0	-	0	1019.4	-1	WSW	1	b	28	92	6	-	-	0	-	0	0		
Dungeness	20	1019.2	0	N	1	mmb	27	97	4	-	-	0	-	0	1018.3	-1	N	2	b/m	25	97	6	-	-	0	-	0	2		
Guernsey (Fort George)	265	1021.0	0	-	0	bc+	39	75	7	4000	StCu	6	-	6	1020.3	-1	W	1	bc-	38	65	9	2500	Cu	3	-	3	0		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 8th DECEMBER.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	Forenoon.	Afternoon.	Min.	Max.	Night	Day	Sunrise to Sunset.									
			9h-12h.	12h-3h.	12h-6h.	6h-12h.	6h-12h.									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)									
Berwick-on-Tweed	0	0	32	39	-	-	6.1	Ends	...	0.6	0.6	0.2	0.2	1	1	1.5
Douglas (I. o. M.) ...	x0	0	33	41	1	-	5.6	Penzance	...	0.6	0.6	0.2	0.2	1	1	1.5
Llandudno	0.6	0.6	39	44	0.4	-	2.2	Paignton	...	0.6	0	0.2	0.2	-	-	6.6
Colwyn Bay	0.6	0.6	38	44	2	-	2.4	Torquay	...	0.6	0	0.2	0.2	-	-	7.0
Rhyl ...	0.6	0.6	37	43	1	-	3.9	Jersey	...	0.6	0.6	0.2	0.2	1	1	1.5
Wallasey ...	0.6	0	35	42	-	-	2.7	Weymouth	...	0	0	0.2	0.2	-	-	7.3
Southport ...	0	0.6	33	40	3	-	5.3	Bournemouth	...	0	0	0.2	0.2	-	-	6.8
Blackpool	0.6	0.6	35	40	3	-	5.3	Ventnor	...	x0	0	0.1	0.1	-	Trace	7.2
Hikley ...	0	0	28	39	0.4	-	4.2	Portsmouth (S'ches)	...	0	0	0.2	0.2	-	-	6.8
Cleethorpes ...	0	0	29	37	-	-	6.0	Bognor	...	x0	0	0.2	0.2	-	-	7.4
Skagness ...	0x	0x	27	38	-	-	5.1	Littlehampton	...	0	0	0.2	0.2	-	-	5.7
Aberystwyth ...	0.6	0.6	33	42	0.5	1	0.8	Worthing	...	0	0	0.1	0.1	-	-	5.1
Bath	0.6	0.6	22	41	-	-	6.4	Brighton	...	0	0	0.1	0.1	-	-	6.8
Cheltenham	0x	0.6	26	40	Trace	-	2.8	Eastbourne	...	0	0	0.2	0.2	-	-	7.0
Leamington Spa ...	0.6	0.6	26	36	-	-	2.8	Hastings	...	x0	0.6	0.2	0.2	0.1	-	5.7
Lowestoft ...	0	0	28	36	-	-	5.7	Folkestone	...	x0.6	0.6	0.2	0.2	-	-	5.4
Harwich & Dovercourt	x0	x0	29	38	-	-	6.2	Dover	...	0.6	0.6	0.2	0.2	-	-	6.5
Malden ...	0	0	25	38	-	-	6.1	Tunbridge Wells	...	0	0.6	0.2	0.2	-	-	4.9
Southend ...	0	0.6	29	40	-	-	5.5	Ramsgate	...	0.6	0	0.2	0.2	-	-	5.9
								Margate	...	0.6	0.6	0.2	0.2	-	-	4.7
								Deal	...	0.6	0.6	0.2	0.2	-	-	5.7

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.24490

MONDAY, 10th DECEMBER... 1928

Page 1.

† Trace = rain has fallen, but amount less than 0.1 mm.

* Information for these columns not usually received.

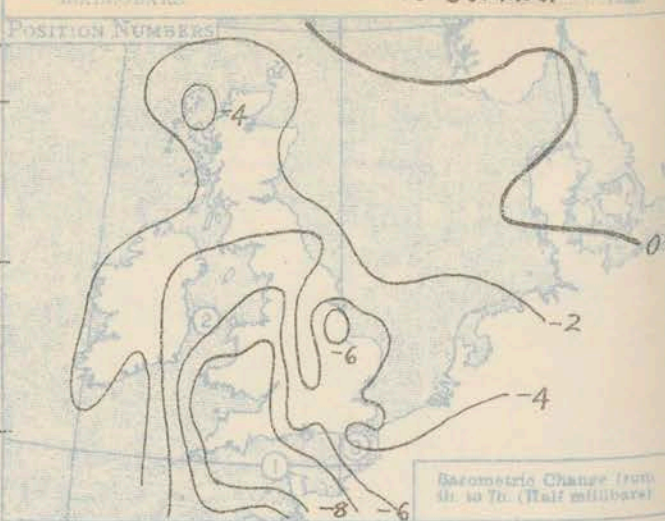
! The barometric change is expressed in half millibars.

SUMMARY FOR THE PAST 24 HOURS.

ISALLOBARS

10th December 1928

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			HOURS.
	7h-12h.	12h-12h.	12h-12h.	12h-12h.	MAX. Day.	MIN. Night.	MIN. on Glass.	Day 7h-12h.	Night 12h-7h.	Day 12h-7h.	
Lerwick	corofe	orr	orr	c	44	43	.	4	48.00	Tr.	0.0
Stornoway	r-d	orr	orr	c	48	45	.	8	48.00	Tr.	0.0
Wick	corof	rorbc	b-bc	bcc	45	43	.	7	48.00	-	.
Tiree	rfo	pro	orr	rr	47	44	42	2	48.00	3	0.0
Nairn	ooc	ebc	bcq	qbc	43	40	.	2	22.00	-	0.0
Aberdeen	osofsrsm	orshego	c	c	38	38	37	4	9.00	-	0.0
Malin Head	ee	ee	cecece	ce	43	41	.	.	1	21.00	0.0
Benfraw	odofom	ofog	orq	corq	41	40	39	4	48.00	1	0.0
Edinburgh (Inchkeith)	beirg	oebc	b-bc	bcc	43	40	38	Tr.	9.00	-	0.0
Leuchars	ex,sofmr	cir	in,ebcc	c	40	39	36	1	9.00	Tr.	0.0
Bakdalemuir	beos,rs	of,adm	adopr	o	37	34	34	3	9.00	1	0.0
Tynemouth	bccff	coff	ocbc	bc	38	35	30	-	-	-	.
Blacksd Point	edeq	Rq	pcqz	bcbcc	50	47	.	10	28	.	.
Donaghadee	cir	cir	ca	cirr	42	40	.	1	48.00	6	2.30
Birr Castle	omc	com	orm	orm	44	42	39	-	10	32.00	0.1
Holyhead	irod	roc	rid	drcq	45	43	42	0.4	48.00	1	0.0
Liverpool (Bidston)	c	eloc	co	co	39	35	33	0.1	14.30	-	0.5
Chester (Sealand)	bcc	ccdom	ocm	C	41	35	33	Tr.	15.30	-	0.8
Harrogate	bcc	bccfb	bccod	co	37	32	28	-	-	Tr.	1.6
Spurn Head	bc	bc	bcc	exofc	33	33	.	-	-	-	5.3
Birmingham (Edgbaston)	bc	bc	bc	bcc	36	32	29	-	-	-	2.6
Oranwell	bFmx	bex	cxc	c	36	30	27	-	-	-	1.2
Gorleston	bmx	bmx	bmx	bcc	38	30	26	-	-	Tr.	6.0
Valentia (Cahirciveen)	cir	cir	cor	ocph	48	40	37	2	48.00	15	0.3
Roche Point	borofc	cir	cor	ocph	47	43	.	3	9.00	4	21.00
Fembroke (St. Ann's H.)	bccdo	cir	cqir	ocph	45	42	.	0.6	11.00	1	0.0
Rose-on-Wye	cbcczo	c	bcc	c	39	35	29	-	-	-	2.3
Leafield	bc	bc	bcb	bcc	37	28	25	0.1	0.1	-	4.3
Winchester (Worthy De)	bxcmm	bmbcm	bmx	bcc	38	28	20	-	-	Tr.	2.00
B. Farnborough	bmbcc	bmbcc	bmbcc	bmbcc	41	30	17	Tr.	-	0.2	22.00
London (Kew Obs.)	bxcmm	bmbcc	bmbcc	bmbcc	36	30	13	-	-	Tr.	4.8
Oxendon	bmx	bmx	bmx	bmbcc	40	31	26	-	-	-	4.8
Shoeburyness	b	b	b	bcc	42	26	20	-	-	-	4.1
Glaughton-on-Sea	bxcmm	bmbcc	bmbcc	bmbcc	38	34	29	-	-	-	4.1
Felixstowe	bxcmm	bmbcc	bmbcc	bmbcc	37	34	30	-	-	Tr.	6.1
Lymington	bmo	bmo	bmo	bmo	39	30	17	-	-	0.5	24.00
Scilly (St. Mary's)	bcc	c	c	bcc	47	44	.	-	-	3	21.00
Falmouth (Pendennis)	bc	bc	bc	bcc	44	43	.	-	-	1	21.00
Plymouth (Cattewater)	bmbcc	bmbcc	bmbcc	bmbcc	45	43	39	Tr.	-	Tr.	6.30
Portland Bill	bcc	bcc	bcc	bcc	45	40	.	0.2	15.30	1	21.00
Southampton (Calshot)	bxcmm	bmbcc	bmbcc	bmbcc	40	38	22	-	-	1	21.00
Dungeness	befbc	bc	bcc	bcc	41	33	.	-	-	0.6	22.00
Guernsey	bccprv	bccprv	bccprv	bccprv	45	39	.	2	48.00	-	3.4



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind.		Weather.	Temp.		Remarks.
			Dir.	Force.		Air.	Sea.	
3	10 th 2h	Arundel	SW	4	bc	42	51	7

GENERAL INFERENCE.

A depression between Scotland and Iceland is moving between east and northeast. After a temporary milder break with rain and cloudy weather cold conditions with wintry showers will return to all districts.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Monday, 10th December, 1928.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Strong southerly wind veering to west; cloudy, rain at first, showers and brighter intervals later; moderate temperature, becoming rather cold, ground frost at night.	Cold with wintry showers
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland Isle of Man	Strong southerly wind reaching gale force at times on the coast, veering to west or northwest; cloudy with rain at first, rain, hail or sleet showers later; moderate temperature, becoming cold with frost at night.	South cone hoisted at 2h30 today in districts 1 and 2. At 13h 55m yesterday districts 5,6,7,8,10,11,12,18,19 and 20. South cone still flying in districts 13, 15,16 and 17.
13. A.W. Scotland 14. N.W. Scotland 15. Mid-Scotland 16. N.E. Scotland 17. Orkneys and Shetlands	Strong south or southeast wind, changing to northwesterly; cloudy with rain at first, hail, sleet or snow showers later; moderate temperature becoming cold with frost at night.	
18. N.W. Ireland 19. N.E. Ireland 20. S.E. Ireland 21. S.W. Ireland	Strong westerly winds veering to northwest or north, squally; showers of rain, hail or sleet, bright intervals; cold with ground frost at night.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2.

Forecasts issued at

0935 G.M.T.

G. C. SIMPSON, F.R.S., Director.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

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BRITISH SECTION.....MONDAY.....10th DECEMBER.....1928.

No. 245.

STATIONS	Height above M.S.L. in feet	Observations at 10 ^h G.M.T. 10 ^h											Observations at 7 ^h G.M.T. 10 ^h											Sea.		
		Barom. at M.S.L.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity %	Visibility 1/2	Cloud.			Barom. at M.S.L.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity %	Visibility 1/2	Cloud.					
				Direc.	Force					Low.	Upper	Total			Direc.	Force					Low.	Upper	Total			
					Height											Form									Amt.	Height
Lerwick	54	989.4	0	S	4	C	46	92	8	1500	Str	5	989.3	0	S	4	C	47	85	8	1500	Str	5	989.3	0	4
Stornoway	89	984.6	-5	SW	7	o/r	46	86	6	1500	Str	5	984.4	-4	S	7	o/r	48	85	6	2500	Nb	10	984.4	-4	6
Wick	91	988.3	-4	SW	6	bc	46	86	8	2500	Str	4	988.0	-3	SSW	7	C	44	85	8	2500	Str	6	988.0	-3	4
Tiree	23	988.3	-4	SW	6	bc	46	86	8	2500	Str	4	988.0	-3	SSW	7	C	44	85	8	2500	Str	6	988.0	-3	4
Nairn	82	988.3	-4	SW	6	bc	46	86	8	2500	Str	4	988.0	-3	SSW	7	C	44	85	8	2500	Str	6	988.0	-3	4
Aberdeen	37	988.3	-4	SW	6	bc	46	86	8	2500	Str	4	988.0	-3	SSW	7	C	44	85	8	2500	Str	6	988.0	-3	4
Malin Head	51	984.6	-5	S	6	CT	45	92	7	1500	Str	6	984.3	-2	SSW	4	C	44	97	7	2500	Nb	2	984.3	-2	4
Kenfrew	39	984.6	-5	S	6	CT	45	92	7	1500	Str	6	984.3	-3	S	6	o/r	41	85	7	1500	Nb	10	984.3	-3	4
Edinburgh (Inchkeith)	150	993.4	-6	SW	4	bc	43	85	8	1500	Str	1	993.3	-3	S	4	C	40	75	8	1500	Str	3	993.3	-3	2
Leuchars	39	993.4	-6	SW	4	bc	43	85	8	1500	Str	1	993.0	-3	S	4	C	40	75	7	4000	Str	3	993.0	-3	2
Esksdalemuir	794	993.4	-6	SW	4	bc	43	85	8	1500	Str	1	993.0	-3	SSE	5	C	35	85	7	2500	Str	10	993.0	-3	2
Tynemouth	87	999.1	-3	S	3	bc	37	85	6	800	Str	4	999.0	-4	S	3	bc	35	85	7	1500	Str	7	999.0	-4	2
Blackhead Point	18	982.5	-5	W	7	bc	47	85	7	1500	Str	7	982.4	-2	S	4	bc	44	75	7	1500	Str	5	982.4	-2	5
Donaghadee	40	982.5	-5	W	7	bc	47	85	7	1500	Str	7	982.4	-5	SSW	8	o/r	46	85	7	1500	Nb	10	982.4	-5	5
Birr Castle	173	982.5	-5	W	7	bc	47	85	7	1500	Str	7	982.4	-5	S	2	o/r	42	85	6	1500	Nb	10	982.4	-5	5
Holyhead	20	996.5	-9	SSE	6	od	45	85	6	1500	Str	10	996.4	-6	SSE	7	o/r	44	85	7	1500	Str	10	996.4	-6	6
Liverpool (Bidston)	188	996.5	-9	SSE	6	od	45	85	6	1500	Str	10	996.4	-5	SSE	7	o/r	44	85	7	4000	Str	9	996.4	-5	6
Chester (Sealand)	16	996.5	-9	SSE	6	od	45	85	6	1500	Str	10	996.4	-6	SSE	5	C	37	85	7	2500	Str	8	996.4	-6	6
Harrogate	478	996.5	-9	SSE	6	od	45	85	6	1500	Str	10	996.3	-4	SSE	8	C	34	85	6	1500	Nb	9	996.3	-4	4
Spurn Head	29	1003.5	-3	SW	5	C	36	92	7	4000	Nb	5	1003.2	-2	S	5	C	37	85	7	4000	Nb	5	1003.2	-2	4
Birmingham (Edgbaston)	535	1003.5	-3	SW	5	C	36	92	7	4000	Nb	5	1003.0	-4	SSE	4	C	37	85	7	1500	Str	10	1003.0	-4	4
Cranwell	230	1003.5	-3	SW	5	C	36	92	7	4000	Nb	5	1000.1	-6	S	4	C	35	85	6	2500	Str	10	1000.1	-6	4
Gorleston	11	1003.5	-3	SW	5	C	36	92	7	4000	Nb	5	1004.6	-4	SW	4	o/r	38	85	7	2500	Nb	10	1004.6	-4	4
Valentia (Cahirciveen)	38	986.7	-8	SW	5	o/r	47	97	8	1500	Str	10	986.7	-3	SSW	4	o/r	40	85	8	1500	Str	8	986.7	-3	4
Roches Point	22	986.7	-8	SW	5	o/r	47	97	8	1500	Str	10	986.4	-1	W	2	C	45	85	7	1500	Nb	9	986.4	-1	5
Pembroke (St. Ann's H.)	150	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	996.5	-9	6
Ross-on-Wye	223	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	996.2	-6	SSE	4	C	40	65	7	2500	Str	10	996.2	-6	6
Leafield	612	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	996.6	-4	SSE	5	C	34	85	7	4000	Str	8	996.6	-4	6
Winchester (Worthy Dk.)	212	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	1000.7	-3	SSE	4	C	36	75	6	4000	Str	8	1000.7	-3	6
S. Farnborough	297	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	1001.1	-5	SSE	3	b	34	85	6	2500	Str	2	1001.1	-5	6
London (Kew Obs.)	16	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	1001.6	-5	SSE	3	bc	36	75	5	2500	Str	2	1001.6	-5	6
Croydon	344	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	1002.5	-4	SSE	4	b	35	85	6	1500	Str	7	1002.5	-4	6
Shoeburyness	11	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	1003.4	-5	SW	4	bc	36	85	7	1500	Str	7	1003.4	-5	6
Olveston-on-Sea	54	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	1003.9	-4	S	4	bc	40	75	7	4000	Str	4	1003.9	-4	6
Felixstowe	16	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	1004.1	-4	SSE	5	bc	39	75	8	1500	Str	4	1004.1	-4	6
Lymington	350	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	1004.2	-5	SSE	5	C	35	85	5	1500	Str	7	1004.2	-5	6
Seilly (St. Mary's)	163	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	996.6	-4	S	8	o/r	47	85	6	4000	Nb	10	996.6	-4	6
Palmouth (Pendennis)	300	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	996.9	-9	S	7	C	44	85	7	2500	Nb	7	996.9	-9	6
Plymouth (Cattewater)	83	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	996.6	-9	S	7	o/r	45	85	7	1500	Nb	10	996.6	-9	6
Portland Bill	32	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	996.7	-9	SSE	7	C	44	75	8	2500	Str	4	996.7	-9	6
Southampton (Falehol)	10	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	1000.5	-7	SSE	5	C	39	75	7	5700	Str	6	1000.5	-7	6
Dungeness	20	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	1003.3	-4	SSE	5	C	37	85	7	1500	Str	8	1003.3	-4	6
Guernsey (Fort George)	205	996.5	-9	SSW	8	o/r	47	85	7	1500	Str	10	996.8	-6	S	5	C	39	85	8	2500	Nb	9	996.8	-6	6
WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 9 th December																										
STATIONS	WEATHER		TEMPERATURE		RAINFALL		SUNSHINE	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)											
	Forenoon	Afternoon	Min. 9h-3h	Max. 3h-17h	Night 17h-9h	Day 9h-17h	Sunrise to Sunset																			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)																			
Berwick-on-Tweed	C	C	29	38	-	-	0.0	Bade	...	phbc	bee	30	40	3	1.8											
Douglas (I.O.M.)	bc	oprso	33	45	1	1	0.0	Penzance	...	phbc	bee	33	45	1	2.0											
Llandudno	C	C	38	43	1	-	0.0	Paignton	...	phbc	bee	37	44	-	4.6											
Colwyn Bay	ccc	ccc	37	42	2	0.5	0.0	Torquay	...	phbc	bee	31	46	-	3.3											
Rhyl	C	C	33	41	4	-	0.1	Jersey	...	phbc	bee	32	45	-	3.2											
Wallasey	cc	cc	34	40	1	Trace	0.0	Weymouth	...	phbc	bee	27	46	-	3.6											
Southport	omo	opm	30	40	0.1	0.1	0.0	Bournemouth	...	phbc	bee	25	41	-	4.4											
Blackpool	op	op	29	41	-	1	0.0	Venrnor	...	phbc	bee	31	45	-	5.8											
Hikley	ccg	cc	21	37	-	-	0.0	Portsmouth (S'bsca)	...	phbc	bee	27	41	-	6.2											
Cleethorpes	b	b	25	38	-	-	5.6	Bognor	...	phbc	bee	27	39	-	6.2											
Skegness	bx	bx	24	34	-	-	3.5	Littlehampton	...	phbc	bee	24	40	-	5.5											
Aberystwyth	phbc	phbc	30	41	Trace	1	0.1	Worthing	...	phbc	bee	25	39	-	4.7											
Bath	phbc	phbc	21	40	-	-	4.1	Brighton	...	phbc	bee	28	41	-	5.7											
Obeltenham	phbc	phbc	25	39	-	-	2.2	Eastbourne	...	phbc	bee	27	41	-	6.9											
Leamington Spa	phbc	phbc	24	39	-	-	3.8	Hastings	...	phbc	bee	28	39	-	6.9											
Lowestoft	b	b	24	37	-	-	6.3	Folkestone	...	phbc	bee	28	38	-	6.5											
Harwich & Dovercourt	phbc	phbc	25	37	-	-	5.3	Dover	...	phbc	bee	23	41	-	6.7											
Maldon	phbc	phbc	22	36	-	-	3.8	Tanbridge Wells	...	phbc	bee	28	40	-	5.1											
Southendu	phbc	phbc	26	42	Trace	0.1	4.9	Ramsgate	...	phbc	bee	28	40	-	6.1											
								Margate	...	phbc	bee	30	39	-	5.3											
								Deal	...	phbc	bee	27	38	-	6.6											

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 9th December

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.†		SUNSHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Forenoon.	Afternoon.	Min. 5h. to 9h.	Max. 9h. to 5h.	Night 11h. to 3h.	Day 9h. to 5h.	Sunrise to Sunset.								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Bade ...	...	...	30	40	3	-	1.8
Berwick-on-Tweed	c	c	29	38	-	-	0.0	Penzance ...	...	...	33	45	1	-	2.0
Douglas (I.O.M.) ...	oe	oprso	33	45	1	1	0.0	Exington ...	...	...	38	44	-	-	4.6
Llandudno ...	c	c	38	43	1	-	0.0	Torquay ...	...	...	31	46	-	-	5.3
Colwyn Bay ...	oe	oprso	37	42	2	0.5	0.0	Jersey ...	...	...	32	45	-	Trace	3.2
Rhyl ...	c	c	33	41	4	-	0.1	Weymouth ...	...	...	27	46	-	-	3.6
Wallaey ...	oe	oprso	34	40	1	Trace	0.0	Bournemouth ...	...	...	25	41	-	-	4.4
Southport ...	omo	opm	30	40	0.1	0.1	0.0	Ventnor ...	...	...	31	45	-	-	5.8
Blackpool ...	op	oda	29	41	-	1	0.0	Portsmouth (Sithsea) ...	...	...	27	41	-	-	6.2
Ilkley ...	oe	oprso	21	37	-	-	0.0	Bognor ...	...	...	27	39	-	-	6.2
Cleethorpes ...	b	b	25	38	-	-	5.6	Littlehampton ...	...	...	24	40	-	-	5.5
Skewness ...	oe	oprso	24	34	-	-	5.5	Worthing ...	...	...	25	39	-	-	4.7
Aberystwyth ...	oe	oprso	30	41	Trace	1	0.1	Brighton ...	...	...	28	41	-	-	5.7
Bath ...	mb	bf	21	40	-	-	4.1	Eastbourne ...	...	...	27	41	-	-	6.9
Cheltenham ...	oe	oprso	25	39	-	-	2.2	Hastings ...	...	...	28	39	-	-	6.9
Leamington Spa ...	oe	oprso	24	39	-	-	3.8	Folkestone ...	...	...	28	38	-	-	6.5
Lowestoft ...	b	b	24	37	-	-	6.2	Dover ...	...	...	28	40	-	-	6.7
Harwich & Dovercourt	oe	oprso	25	37	-	-	5.3	Tanbridge Wells ...	...	...	23	41	-	-	5.1
Maldon ...	oe	oprso	22	36	-	-	3.8	Ramsgate ...	...	...	28	40	-	-	6.1
Southend ...	oe	oprso	26	42	Trace	0.1	4.9	Margate ...	...	...	30	39	-	-	5.3
								Deal ...	...	...	27	38	-	-	6.6

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. LONDON:

BRITISH SECTION

No. B. 24491

Tuesday, 11th December 1928

Page 1.

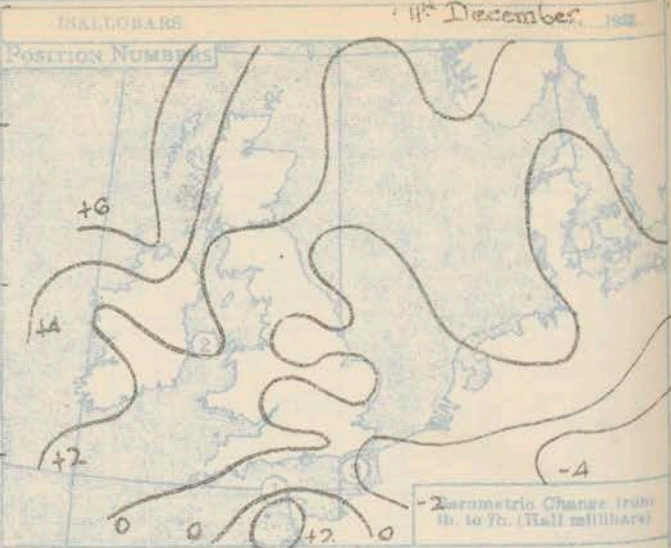
† Trace = rain has fallen, but amount less than 0.1 mm.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

SUMMARY FOR THE PAST 24 HOURS

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				SURF.
	7h-12h.	12h-12h.	12h-12h.	12h-12h.	MAX.	MIN.	MIN.	Day.	Night.	Night.	Night.	
Lerwick	c	c	c	c	47	42	•	•	•	•	•	0.0
Stornoway	c	c	c	c	48	33	•	•	•	•	•	0.0
Wick	c	c	c	c	44	41	•	•	•	•	•	•
Tirree	c	c	c	c	46	34	32	7	8.00	5	21.00	0.0
Nairn	c	c	c	c	44	35	•	•	•	•	•	0.1
Aberdeen	c	c	c	c	43	41	39	7	9.00	•	•	0.1
Malin Head	c	c	c	c	44	38	•	•	•	•	•	0.1
Bonfrew	c	c	c	c	42	31	30	7	8.00	•	•	0.0
Edinburgh (Inchkeith)	c	c	c	c	42	31	28	•	•	•	•	0.0
Leuchars	c	c	c	c	42	29	25	7	11.00	•	•	0.0
Bskdalemuir	c	c	c	c	42	27	24	7	11.00	•	•	0.0
Tynemouth	c	c	c	c	40	31	28	•	•	•	•	•
Blacksd Point	c	c	c	c	45	34	•	•	•	•	•	•
Donaghadee	c	c	c	c	46	38	•	•	•	•	•	•
Birr Castle	c	c	c	c	46	33	27	•	•	•	•	3.6
Holyhead	c	c	c	c	46	35	35	•	•	•	•	0.0
Liverpool (Bidston)	c	c	c	c	45	33	29	•	•	•	•	0.0
Chester (Sealand)	c	c	c	c	40	32	29	•	•	•	•	0.0
Harrogate	c	c	c	c	47	29	28	•	•	•	•	0.7
Spurn Head	c	c	c	c	39	34	•	•	•	•	•	2.3
Birmingham (Edgbaston)	c	c	c	c	47	30	28	•	•	•	•	0.1
Cranwell	c	c	c	c	46	28	28	•	•	•	•	3.6
Gorleston	c	c	c	c	43	34	33	•	•	•	•	2.2
Valentia (Cahirciveen)	c	c	c	c	45	32	30	•	•	•	•	2.1
Roche's Point	c	c	c	c	46	35	•	•	•	•	•	•
Pembroke (St. Ann's H.)	c	c	c	c	48	39	•	•	•	•	•	0.0
Ross-on-Wye	c	c	c	c	40	33	30	•	•	•	•	0.0
Leafield	c	c	c	c	46	30	27	•	•	•	•	1.4
Winchester (Worthy Dn)	c	c	c	c	49	34	29	•	•	•	•	3.5
S. Farnborough	c	c	c	c	49	35	31	•	•	•	•	2.1
London (Kew Obay.)	c	c	c	c	48	35	34	•	•	•	•	4.8
Croydon	c	c	c	c	47	34	33	•	•	•	•	3.2
Shoeburyness	c	c	c	c	37	34	33	•	•	•	•	2.6
Olaeton-on-Sea	c	c	c	c	39	36	35	•	•	•	•	0.4
Felixstowe	c	c	c	c	39	36	32	•	•	•	•	2.3
Lymington	c	c	c	c	45	32	32	•	•	•	•	0.3
Seilly (St. Mary's)	c	c	c	c	47	39	•	•	•	•	•	0.0
Falmouth (Pendennis)	c	c	c	c	47	38	•	•	•	•	•	0.0
Plymouth (Cattewater)	c	c	c	c	47	39	37	•	•	•	•	0.0
Portland Bill	c	c	c	c	45	42	•	•	•	•	•	•
Southampton (Calshot)	c	c	c	c	41	40	38	•	•	•	•	5.4
Dungeness	c	c	c	c	37	36	•	•	•	•	•	•
Guernsey	c	c	c	c	40	37	•	•	•	•	•	0.2



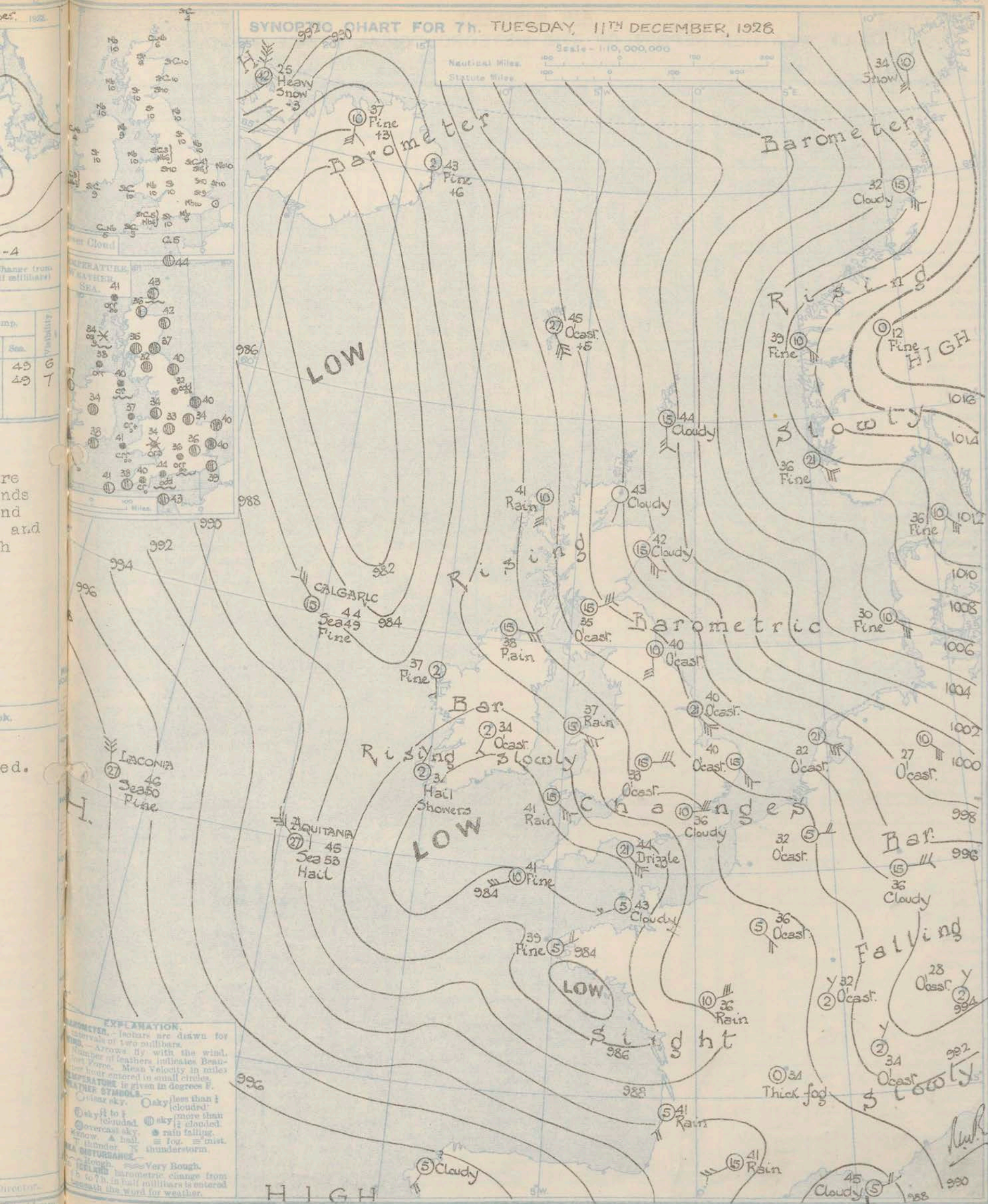
Observations from Cross Channel Steamers.		Wind.		Weather.		Temp.		Visibility.
Position.	Date and Time.	Direction.	Force.	Clouds.	Sea.	Air.	Sea.	
2	10 ^h 10h	Hibernia	S.E.	7	RR	48	49	6
3	11 ^h 2h	Disappe	SSE	4	C	40	49	7

GENERAL INFERENCE.

An area of low pressure with several centres extends from Iceland across Ireland to Southern France. Cold and mainly cloudy weather with occasional falls of rain, sleet or snow will occur in most districts.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Tuesday, 11th December, 1928.	Further Outlook.
1. S.E. England	Moderate easterly winds; cloudy, occasional rain, sleet, or snow; local mist or fog; cold, with ground frost at night.	None issued.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Light or moderate south to southwest winds, occasional rain, bright intervals; moderate temperature.	
6. South Wales		
7. North Wales		
8. N.W. England	As 1 - 4.	
9. N. Midlands		
10. N.E. England		
11. S.E. Scotland	Moderate to fresh southeasterly winds; mainly cloudy, local rain, sleet or snow; cold.	
12. S.W. Scotland & Isle of Man		
13. A.W. Scotland		
14. Mid-Scotland	Moderate to fresh south to southeast winds; mainly cloudy, local rain, sleet or snow; cold.	
15. N.E. Scotland		
16. Orkneys and Shetlands		
17. N.W. Ireland	Variable winds, mainly light; local rain, hail or sleet, fairer intervals; moderate temperature to rather cold.	
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

SYNOPSIS CHART FOR 7h. TUESDAY, 11TH DECEMBER, 1926



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No. 346

†: See footnote page



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 24497

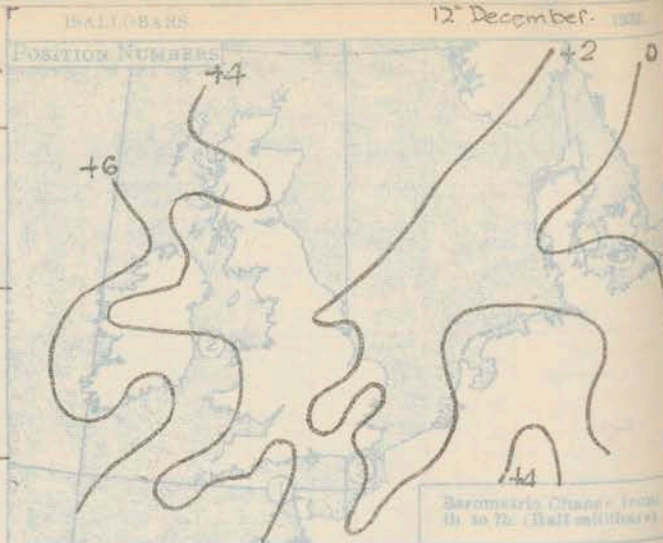
Wednesday 12 December 1928.

Page 1.

Observations at 12h. G.M.T.															Observations at 11h. G.M.T.														
STATIONS		Barom. at M.S.L.	Change in 3 Hours	Wind.	Weather.	Temp.	Humidity.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 Hours	Wind.	Weather.	Temp.	Humidity.	Visibility.	Cloud.									
(For heights see p. 4.)		mb.		Dir.	Force	°F.	%	0-3	Low.	Upper	Total	State of ground.	mb.		Dir.	Force	°F.	%	0-3	Low.	Upper	Total	State of ground.						
									Height	Form	Amt.									Height	Form	Amt.							
									Feet	0-10	0-10									Feet	0-10	0-10							
Lerwick	996.2	7.2	SE	5	6	75	8	1500	St. Cl.	4	100	7	1006.7	7.4	SE	4	6	75	8	1500	St. Cl.	4	100	7					
Sornoway	996.2	7.2	SE	5	6	75	8	1500	St. Cl.	4	100	7	998.7	7.4	SE	4	6	75	8	1500	St. Cl.	4	100	7					
Wick	996.2	7.2	SE	5	6	75	8	1500	St. Cl.	4	100	7	1002.7	7.4	SE	6	6	75	8	1500	St. Cl.	4	100	7					
Three	996.2	7.2	SE	5	6	75	8	1500	St. Cl.	4	100	7	996.5	7.4	SE	4	6	75	8	1500	St. Cl.	4	100	7					
Nairn	996.2	7.2	SE	5	6	75	8	1500	St. Cl.	4	100	7	1003.3	7.4	SE	3	6	75	8	1500	St. Cl.	4	100	7					
Aberdeen	996.2	7.2	SE	5	6	75	8	1500	St. Cl.	4	100	7	1001.8	7.4	SE	5	6	75	8	1500	St. Cl.	4	100	7					
Malin Head	991.9	7.3	SE	4	6	75	8	1500	St. Cl.	4	100	7	995.0	7.4	SE	4	6	75	8	1500	St. Cl.	4	100	7					
Renfrew	995.4	7.1	ENE	4	6	75	8	1500	St. Cl.	4	100	7	997.7	7.4	ENE	4	6	75	8	1500	St. Cl.	4	100	7					
Edinburgh (Inchkeith)	995.7	7.1	E	3	6	75	8	1500	St. Cl.	4	100	7	996.9	7.3	SE	4	6	75	8	1500	St. Cl.	4	100	7					
Leuchars	996.2	7.1	ESE	4	6	75	8	1500	St. Cl.	4	100	7	999.2	7.4	SE	4	6	75	8	1500	St. Cl.	4	100	7					
Blackburn	996.2	7.1	ENE	4	6	75	8	1500	St. Cl.	4	100	7	997.2	7.4	SE	3	6	75	8	1500	St. Cl.	4	100	7					
Tynemouth	996.2	7.1	ESE	3	6	75	8	1500	St. Cl.	4	100	7	999.5	7.3	SE	3	6	75	8	1500	St. Cl.	4	100	7					
Blackhead Point	996.2	7.1	E	3	6	75	8	1500	St. Cl.	4	100	7	996.7	7.4	E	5	6	75	8	1500	St. Cl.	4	100	7					
Dunaghae	996.2	7.1	SE	6	6	75	8	1500	St. Cl.	4	100	7	995.2	7.4	SE	5	6	75	8	1500	St. Cl.	4	100	7					
Birr Castle	997.0	7.1	ENE	1	6	75	8	1500	St. Cl.	4	100	7	998.2	7.4	N	2	6	75	8	1500	St. Cl.	4	100	7					
Holyhead	997.8	7.1	E	5	6	75	8	1500	St. Cl.	4	100	7	997.7	7.4	E	6	6	75	8	1500	St. Cl.	4	100	7					
Liverpool (Bidston)	991.3	7.1	ESE	4	6	75	8	1500	St. Cl.	4	100	7	992.9	7.3	E	4	6	75	8	1500	St. Cl.	4	100	7					
Chester (Sealand)	991.3	7.1	ESE	3	6	75	8	1500	St. Cl.	4	100	7	993.2	7.3	EN	3	6	75	8	1500	St. Cl.	4	100	7					
Harrogate	996.2	7.1	E	1	6	75	8	1500	St. Cl.	4	100	7	995.8	7.1	EN	1	6	75	8	1500	St. Cl.	4	100	7					
Spurn Head	996.2	7.1	ESE	6	6	75	8	1500	St. Cl.	4	100	7	993.9	7.1	ESE	6	6	75	8	1500	St. Cl.	4	100	7					
Birmingham (Edgbaston)	996.2	7.1	E	4	6	75	8	1500	St. Cl.	4	100	7	995.5	7.2	ENE	4	6	75	8	1500	St. Cl.	4	100	7					
Oranwell	996.2	7.1	E	3	6	75	8	1500	St. Cl.	4	100	7	991.6	7.2	ESE	2	6	75	8	1500	St. Cl.	4	100	7					
Gurleston	996.2	7.1	ESE	5	6	75	8	1500	St. Cl.	4	100	7	992.0	7.2	ESE	5	6	75	8	1500	St. Cl.	4	100	7					
Valentia (Cahiroreen)	996.2	7.1	NE	1	6	75	8	1500	St. Cl.	4	100	7	992.9	7.4	NE	4	6	75	8	1500	St. Cl.	4	100	7					
Roches Point	996.2	7.1	N	3	6	75	8	1500	St. Cl.	4	100	7	992.3	7.4	ENE	3	6	75	8	1500	St. Cl.	4	100	7					
Fenhook (St. Ann's H.)	996.2	7.1	E	3	6	75	8	1500	St. Cl.	4	100	7	992.5	7.4	E	3	6	75	8	1500	St. Cl.	4	100	7					
Long-on-Wye	996.2	7.1	ENE	3	6	75	8	1500	St. Cl.	4	100	7	992.1	7.3	NE	2	6	75	8	1500	St. Cl.	4	100	7					
Leafield	996.2	7.1	ESE	3	6	75	8	1500	St. Cl.	4	100	7	991.8	7.2	EN	3	6	75	8	1500	St. Cl.	4	100	7					
Winchester (Worthy Dn)	996.2	7.1	EN	3	6	75	8	1500	St. Cl.	4	100	7	991.3	7.2	ENE	2	6	75	8	1500	St. Cl.	4	100	7					
S. Farnborough	996.2	7.1	ENE	3	6	75	8	1500	St. Cl.	4	100	7	991.4	7.3	EN	2	6	75	8	1500	St. Cl.	4	100	7					
London (Kew Obs.)	996.2	7.1	E	4	6	75	8	1500	St. Cl.	4	100	7	992.3	7.2	ESE	3	6	75	8	1500	St. Cl.	4	100	7					
Croydon	996.2	7.1	ENE	3	6	75	8	1500	St. Cl.	4	100	7	992.0	7.2	ESE	3	6	75	8	1500	St. Cl.	4	100	7					
Shoeburyness	996.2	7.1	ESE	2	6	75	8	1500	St. Cl.	4	100	7	992.7	7.2	SE	2	6	75	8	1500	St. Cl.	4	100	7					
Clacton-on-Sea	996.2	7.1	EN	2	6	75	8	1500	St. Cl.	4	100	7	992.1	7.1	E	4	6	75	8	1500	St. Cl.	4	100	7					
Felixstowe	996.2	7.1	ENE	3	6	75	8	1500	St. Cl.	4	100	7	993.0	7.4	E	4	6	75	8	1500	St. Cl.	4	100	7					
Lympe	996.2	7.1	ENE	3	6	75	8	1500	St. Cl.	4	100	7	991.0	7.1	E	3	6	75	8	1500	St. Cl.	4	100	7					
Scilly (St. Mary's)	996.2	7.1	SE	1	6	75	8	1500	St. Cl.	4	100	7	996.0	7.3	SE	1	6	75	8	1500	St. Cl.	4	100	7					
Falmouth (Pendennis)	996.2	7.1	SE	2	6	75	8	1500	St. Cl.	4	100	7	997.2	7.2	SE	3	6	75	8	1500	St. Cl.	4	100	7					
Plymouth (Cattewater)	996.2	7.1	E	2	6	75	8	1500	St. Cl.	4	100	7	998.3	7.3	SE	2	6	75	8	1500	St. Cl.	4	100	7					
Portland Bill	996.2	7.1	SE	5	6	75	8	1500	St. Cl.	4	100	7	998.3	7.3	E	4	6	75	8	1500	St. Cl.	4	100	7					
Southampton (Calshot)	996.2	7.1	ESE	5	6	75	8	1500	St. Cl.	4	100	7	990.3	7.4	ESE	3	6	75	8	1500	St. Cl.	4	100	7					
Wexham	996.2	7.1	SE	3	6	75	8	1500	St. Cl.	4	100	7	991.0	7.1	ESE	3	6	75	8	1500	St. Cl.	4	100	7					
Guernsey (Fort George)	996.2	7.1	E	3	6	75	8	1500	St. Cl.	4	100	7	993.5	7.3	SE	1	6	75	8	1500	St. Cl.	4	100	7					
LONDON OBSERVATIONS.																													
Day 7h-12h, Kew & Croydon.		Weather.		Temperature.			Rain.		Sun.		Humidity.		Atmospheric Pollution.		Pole Star Record at Greenwich Obs.		Code for State of Ground.												
3h-12h, Kensington.		Morning. Afternoon. Night.		Max. Min. Min. on Day. Night. Grass.			Day. Night.		Sun. Shine so Sunsets.		12h. 12h. G.M.T. G.M.T.		24 Hr. ended 7h. G.M.T.		Exposure from		0=Dry ground. 1=Wet ground. 2=Soft (muddy) wet ground. 3=Bare ground frozen (but less than 2 ins. deep). 4=Bare ground frozen (but more than 2 ins. deep). 5=Dew (or wet grass but not wet ground). 6=Skating to-day in 12h. and 18h. reports (Hour frost in 12h. and 18h. reports). 7=Snow (thin layer, often not continuous). 8=Snow (deep, impeding traffic, usually a continuous layer). 9=Glazed roads (ice on roads from frozen rain or melted snow).												
3h-12h, other stations.		24 HOURS ENDED 3h.													11° 17' 6" h. o. m. to 12° 17' 6" h. 45 m.														
Kew	12	new	c/c	40	33	32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0											
Croydon	24	new	c/c	40	33	32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0											
Greenwich (Royal Obs.)	148	new	c/c	40	33	32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0											
City (Bunhill Row)	80																												
Westminster (St. James' Pk.)	37																												
Regent's Pk. (Botanic Gds.)	168																												
Clarendon Square	110																												
Kensington Palace	80																												
Rampstead Observatory	450																												
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.																													
STATIONS.		Sunrise.	Noon.	Sunset.	STATIONS.																								
G.M.T. G.M.T. G.M.T.		G.M.T. G.M.T. G.M.T.																											
Tarmouth		7.58	11.47	15.36	Tarmouth																								
Greenwich		7.59	11.44	15.36	Greenwich																								
Wick		7.50	11.54	15.45	Wick																								
Valentia		8.42	12.35	16.27	Valentia																								
BRAEFORT NOTATION OF WEATHER.																													
b blue sky (not more than a quarter covered with cloud). c sky partly cloudy (one half covered). d generally cloudy. e drizzle. f fog. g gloomy. h thick fog. i rain. j snow. k hail. l intermittent. m precipitation within sight of station. n EQ line squall. o lightning. p overcast sky. q passing showers. r equally. s rain. t snow. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air. z dust haze; the turbid atmosphere of dry weather. h(r) = "hail" or "rain and hail." Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity. R = heavy rain. r = slight rain. rr = continuous rain. SYMBOLS. < = less than (for cloud height). > = more than (for cloud height). W = solar halo. V = lunar halo. With present weather is combined, whenever possible, the general character of the weather. A = solid. B = divided actual visible weather from preceding conditions, thus: h-c = hail weather after rain; -m = has decreased; +m = has increased.																													
THE BRAEFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.																													
SEA DISTURBANCE.																													
0=no swell. 1=mod. swell. 2=heavy swell. 3=no swell. 4=mod. swell. 5=heavy swell. 6=rather rough sea. 7=rough sea. 8=very rough sea. 9=mountainous sea.																													
Beaufort No. Statute miles per hour.																													
0 less than 1. 1 1-3. 2 4-7. 3 8-12. 4 13-18. 5 19-24. 6 25-31. 7 32-38. 8 39-45. 9 46-54. 10 55-63. 11 64-75. 12 Above 75.																													
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.																													
0. Dense fog. 1. Thick fog. 2. Fog. 3. Moderate fog. 4. Mist or haze. 5. Poor visibility. 6. Moderate. 7. Good. 8. Very good. 9. Excellent visibility, beyond 51 m.																													

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				Sun 11 ^h Hours.
	7h-10h 11 ^h	10h-12h 12 ^h	12h-1h 1h	1h-7h 7h	MAX. Day.	MIN. Night.	MIN. on 7h-12h	Day 7h-12h mm.	Night 12h-7h mm.	begin.	end.	
Lerwick ...	ccsbc	ccc	cipr	cipr	45	40	.	Tr. 2.00	1	24.00	0.0	
Stornoway ...	ccsbc	c	cipr	cipr	43	39	.	-	-	-	-	3.4
Wick ...	c	cipr	c	c	45	42	.	0.1 16.30	-	-	-	.
Tiree ...	ccsbc	ccsbc	ccsbc	ccsbc	42	40	35	Tr. 2.00	0.2	21.00	0.0	
Nairn ...	ccsbc	ccsbc	ccsbc	ccsbc	41	36	.	-	-	-	-	0.4
Aberdeen ...	ccsbc	ccsbc	ccsbc	ccsbc	44	40	37	0.1 9.00	0.3	21.00	0.0	
Malin Head ...	ccsbc	ccsbc	ccsbc	ccsbc	42	40	.	1 18.00	Tr.	22.00	0.0	
Benfrew ...	ccsbc	ccsbc	ccsbc	ccsbc	40	38	Tr.	1 18.00	-	-	-	0.0
Edinburgh (Inchkeith) ...	ccsbc	ccsbc	ccsbc	ccsbc	41	39	37	2 9.00	1	21.00	0.0	
Leuchars ...	ccsbc	ccsbc	ccsbc	ccsbc	42	39	38	3 9.00	2	21.00	0.0	
Bekdalemuir ...	ccsbc	ccsbc	ccsbc	ccsbc	37	35	34	Tr. 2.00	0.6	21.00	0.2	
Tynemouth ...	ccsbc	ccsbc	ccsbc	ccsbc	42	42	38	5 9.00	1	22.00	.	
Blackhead Point ...	ccsbc	ccsbc	ccsbc	ccsbc	42	40	.	0.1	-	-	-	.
Donaghadee ...	ccsbc	ccsbc	ccsbc	ccsbc	43	42	.	0.2 18.00	Tr.	22.00	.	
Rirt Castle ...	ccsbc	ccsbc	ccsbc	ccsbc	40	39	36	2 9.00	0.4	21.00	0.0	
Holyhead ...	ccsbc	ccsbc	ccsbc	ccsbc	40	39	39	0.5 18.00	1	21.00	0.0	
Liverpool (Bidston) ...	ccsbc	ccsbc	ccsbc	ccsbc	48	37	36	0.1 9.00	2	21.00	0.0	
Chester (Sealand) ...	ccsbc	ccsbc	ccsbc	ccsbc	39	37	35	0.1 9.00	3	21.00	0.0	
Harrogate ...	ccsbc	ccsbc	ccsbc	ccsbc	36	36	34	2 18.00	4	21.00	0.0	
Spurn Head ...	ccsbc	ccsbc	ccsbc	ccsbc	42	37	.	3 18.00	1	21.00	0.0	
Birmingham (Edgbaston) ...	ccsbc	ccsbc	ccsbc	ccsbc	36	34	33	0.6 18.00	4	21.00	0.0	
Cranwell ...	ccsbc	ccsbc	ccsbc	ccsbc	37	37	34	Tr. 18.00	4	21.00	0.0	
Gorleston ...	ccsbc	ccsbc	ccsbc	ccsbc	40	38	36	-	-	2	21.00	0.0
Valentia (Cahirciveen) ...	ccsbc	ccsbc	ccsbc	ccsbc	42	39	34	0.3 18.00	0.4	21.00	0.7	
Roshea Point ...	ccsbc	ccsbc	ccsbc	ccsbc	40	37	.	10 9.00	2	21.00	.	
Pembroke (St. Ann's H.) ...	ccsbc	ccsbc	ccsbc	ccsbc	42	37	.	2 18.00	Tr.	6.30	0.0	
Ross-on-Wye ...	ccsbc	ccsbc	ccsbc	ccsbc	36	33	32	2 18.00	4	21.00	0.0	
Leafield ...	ccsbc	ccsbc	ccsbc	ccsbc	36	32	32	2 18.00	4	21.00	0.0	
Winchester (Worthy Dn) ...	ccsbc	ccsbc	ccsbc	ccsbc	33	33	31	18.00	4	21.00	0.0	
S. Farnborough ...	ccsbc	ccsbc	ccsbc	ccsbc	37	33	32	2 18.00	2	21.00	0.0	
London (Kew Obay) ...	ccsbc	ccsbc	ccsbc	ccsbc	39	33	32	1 18.00	3	21.00	0.0	
Croydon ...	ccsbc	ccsbc	ccsbc	ccsbc	38	33	32	0.2 18.00	2	21.00	0.0	
Sheshbury ...	ccsbc	ccsbc	ccsbc	ccsbc	40	36	34	-	-	6	24.00	0.0
Clacton-on-Sea ...	ccsbc	ccsbc	ccsbc	ccsbc	40	38	37	-	-	6	21.00	0.0
Felixstowe ...	ccsbc	ccsbc	ccsbc	ccsbc	41	37	36	Tr. 18.00	8	21.00	0.0	
Lymington ...	ccsbc	ccsbc	ccsbc	ccsbc	37	32	32	-	-	3	22.00	0.0
Seilly (St. Mary's) ...	ccsbc	ccsbc	ccsbc	ccsbc	40	38	.	0.2 18.00	0.1	5.30	4.3	
Falmouth (Pendennis) ...	ccsbc	ccsbc	ccsbc	ccsbc	48	37	.	Tr. 18.00	2	21.00	4.9	
Plymouth (Castewater) ...	ccsbc	ccsbc	ccsbc	ccsbc	48	38	34	Tr. 18.00	0.3	21.00	2.5	
Portland Bill ...	ccsbc	ccsbc	ccsbc	ccsbc	47	38	.	7 18.00	1	21.00	.	
Southampton (Calshot) ...	ccsbc	ccsbc	ccsbc	ccsbc	45	35	34	2 18.00	3	21.00	0.0	
Dungeness ...	ccsbc	ccsbc	ccsbc	ccsbc	40	34	.	-	-	2	1.30	.
Guernsey ...	ccsbc	ccsbc	ccsbc	ccsbc	46	37	.	1 18.00	-	-	1.0	



Observations from Cross Channel Steamers.				Wind.		Weather.		Temp.		Visibility.
Position.	Date and Time.	Steamship.		Dir.	Force.			Air.	Sea.	
1	11 ^h 12 ^h	St. Helier		SE	4	C*		47	52	7
2	11 ^h 10 ^h	Haernia		SE	6	or		42	51	6
3	12 ^h 2 ^h	Aronael		SE	2	orr		40	51	6

GENERAL INFERENCE.

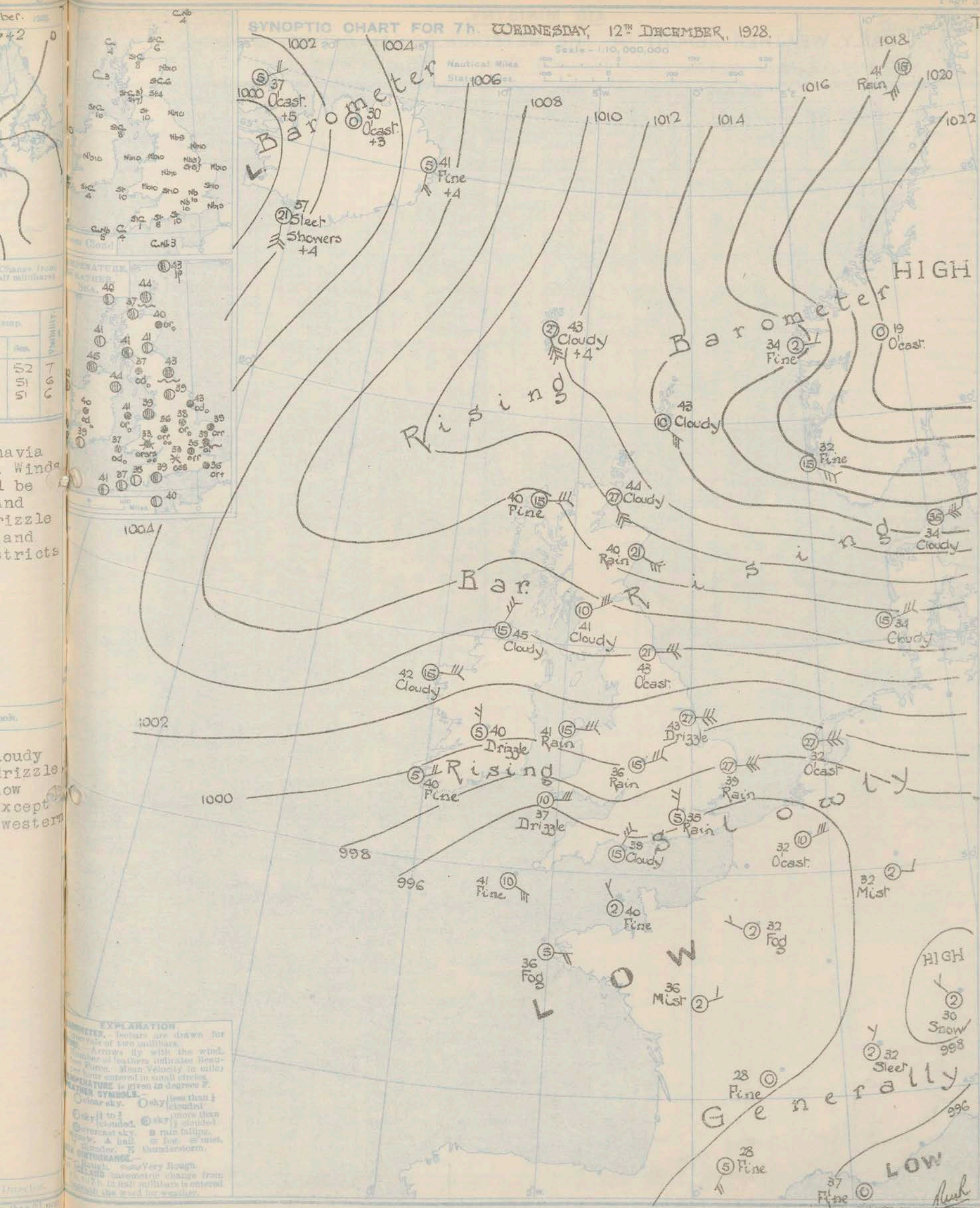
An anticyclone over Scandinavia is spreading southwestward. Winds over the British Isles will be easterly and weather cold and dull generally with some drizzle or sleet in most districts and snow locally in Eastern districts and on high ground.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Wednesday, 12th December, 1928.	Farther Outlook.
1. S.E. England	Fresh easterly winds; dull; some drizzle, sleet or snow; cold.	Cold and cloudy with some drizzle, sleet or snow generally except in extreme western districts.
2. E. England		
3. E. Midlands		
4. W. Midlands	Moderate easterly winds; cloudy; cold.	
5. S.W. England		
6. South Wales	Moderate easterly winds, fresh at times; dull, some drizzle, sleet or snow; cold.	Warp.
7. North Wales		
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. S.E. Scotland		
12. S.W. Scotland & Isle of Man	Moderate easterly winds; cloudy; some sleet or snow on high ground; cold.	
13. N.W. Scotland	As 6 - 12.	
14. Mid-Scotland	Strong southeasterly winds; cloudy; wintry showers; cold.	
15. N.E. Scotland		
16. Orkneys and Shetlands		
17. N.W. Ireland	As 5.	
18. N.E. Ireland	As 6 - 12.	
19. S.E. Ireland		
20. S.W. Ireland	As 5.	

Meteorological Office: Air Ministry, Wingway, London, W.C.2.

Forecasts issued at 0910 G.M.T.

G. C. SIMPSON, F.R.S., Director.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION... Wednesday, 12 December 1928.

No. 247.

STATIONS.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 12.12.28												Observations at 7h. G.M.T. 12.12.28																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility in miles.	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility in miles.	Cloud.			Sea.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Lerwick ...	24	1016.5	+3	SE	4	cjb	43	85	8	1500	CuNb	4	Asr	8	1014.3	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	1012.1	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	1010.0	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	1007.8	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	1005.5	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	1003.2	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	1000.9	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	998.6	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	996.3	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	994.0	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	991.7	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	989.4	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	987.1	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	984.8	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	982.5	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	980.2	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	977.9	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	975.6	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	973.3	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	971.0	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	968.7	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	966.4	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	964.1	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	961.8	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	959.5	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	957.2	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	954.9	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	952.6	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	950.3	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	948.0	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	945.7	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	943.4	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	941.1	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	938.8	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	936.5	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	934.2	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	931.9	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	929.6	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	927.3	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	925.0	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	922.7	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	920.4	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	918.1	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	915.8	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	913.5	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	911.2	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	908.9	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	906.6	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	904.3	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	902.0	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	899.7	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	897.4	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	895.1	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	892.8	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	890.5	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	888.2	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	885.9	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	883.6	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	881.3	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	879.0	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	876.7	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	874.4	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	872.1	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	869.8	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	867.5	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	865.2	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	862.9	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	860.6	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	858.3	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	856.0	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	853.7	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	851.4	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	849.1	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	846.8	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	844.5	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	842.2	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	839.9	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	837.6	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	835.3	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	833.0	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	830.7	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	828.4	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	826.1	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	823.8	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	821.5	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	819.2	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	816.9	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	814.6	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	812.3	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	810.0	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	807.7	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	805.4	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	803.1	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	800.8	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	798.5	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	796.2	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	793.9	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	791.6	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	789.3	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	787.0	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	784.7	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	782.4	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	780.1	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	777.8	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	775.5	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	773.2	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	770.9	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	768.6	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	766.3	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	764.0	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	761.7	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	759.4	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	757.1	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	754.8	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	752.5	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	750.2	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	747.9	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	745.6	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	743.3	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	741.0	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	738.7	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	736.4	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	734.1	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	731.8	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	729.5	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	727.2	+3	SE	3	cjb	43	85	8	1500	CuNb	4	Asr	8	724.9	+3	SE	3	cjb	43

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Tuesday, 11 December

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
	Forenoon.	Afternoon.	Min. 9h.-12h. to 9h. 11 ^h .	Max. 12h.-17h. 11 ^h .	Night 17h.-9h. 10 ^h -11 ^h .	Day 9h.-17h. 11 ^h .	Sunrise to Sunset. 11 ^h .										
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Ende	...	...	rebe	bebe	38	43	4	Trace	3.7
								Penzance	...	...	b	b	36	46	3	-	4.8
Berwick-on-Tweed	OK	RO	30	41	Trace	3	0.0	Paignton	...	...	OR	OR	41	47	28	1	1.9
Douglas (I.o. M.)	oqd	oqd	35	41	4	Trace	0.0	Torquay	...	...	cmcb	ccrrp	41	46	23	1	1.7
Llandudno	c	c	34	39	0.3	-	0.0	Jersey	...	...	rcbc	c	35	45	5	-	2.3
Golwyn Bay	ococ	ococ	34	39	2	-	0.0	Weymouth	...	...	pcb	cpr r	40	46	3	b	0.8
Rhyl...	g	g	33	39	-	-	0.0	Bournemouth	...	...	rorc	rorc	38	44	3	4	0.0
Wallasey	oprs	o	33	39	-	0.3	0.0	Ventnor	...	...	rou	cpu	39	43	2	0.3	0.0
Southport	o	o	32	38	-	-	0.0	Portsmouth (S'theas)	...	...	od	od	39	44	2	1	0.0
Blackpool	o	o	32	38	-	-	0.0	Bognor	...	...	o	oror	39	44	0.3	3	0.0
Wkley	om	d.o	29	37	0.3	1	0.0	Littlehampton	...	...	c.or	or	38	43	0.3	4	0.0
Cleethorpes...	oro	o	30	40	2	3	0.0	Worthing	...	...	c.or	or.	38	43	0.3	4	0.0
Skegness	oro	o	33	39	2	4	0.0	Brighton	...	...	odr	d	37	40	-	3	0.0
Aberystwyth	co	ojo	36	40	-	-	0.0	Eastbourne	...	...	c	c.or	39	42	-	0.5	0.0
Bath	cr	cr	34	38	2	2	0.0	Hastings	...	...	o	or	36	41	0.2	1	0.0
Cheltenham	o	oro	33	43	1	2	0.0	Folkestone	...	...	om	om	30	38	-	-	0.0
Leamington Spa	o	om	31	37	-	-	0.0	Dover	...	...	o	o	30	39	Trace	Trace	0.0
Lowestoft	o	o	35	40	1	-	0.0	Tanbridge Wells	...	...	om	odond	33	37	-	Trace	0.0
Harwich & Dovercourt	dcm	oc	32	41	0.2	-	0.0	Bamsgate	...	...	o	o	30	39	-	-	0.0
Maldon	o	o	30	39	-	-	0.0	Margate	c	c	31	39	-	-	0.0
Southern	o	o	31	39	-	-	0.0	Deal	o	o	29	39	-	-	0.0



Nov. Night

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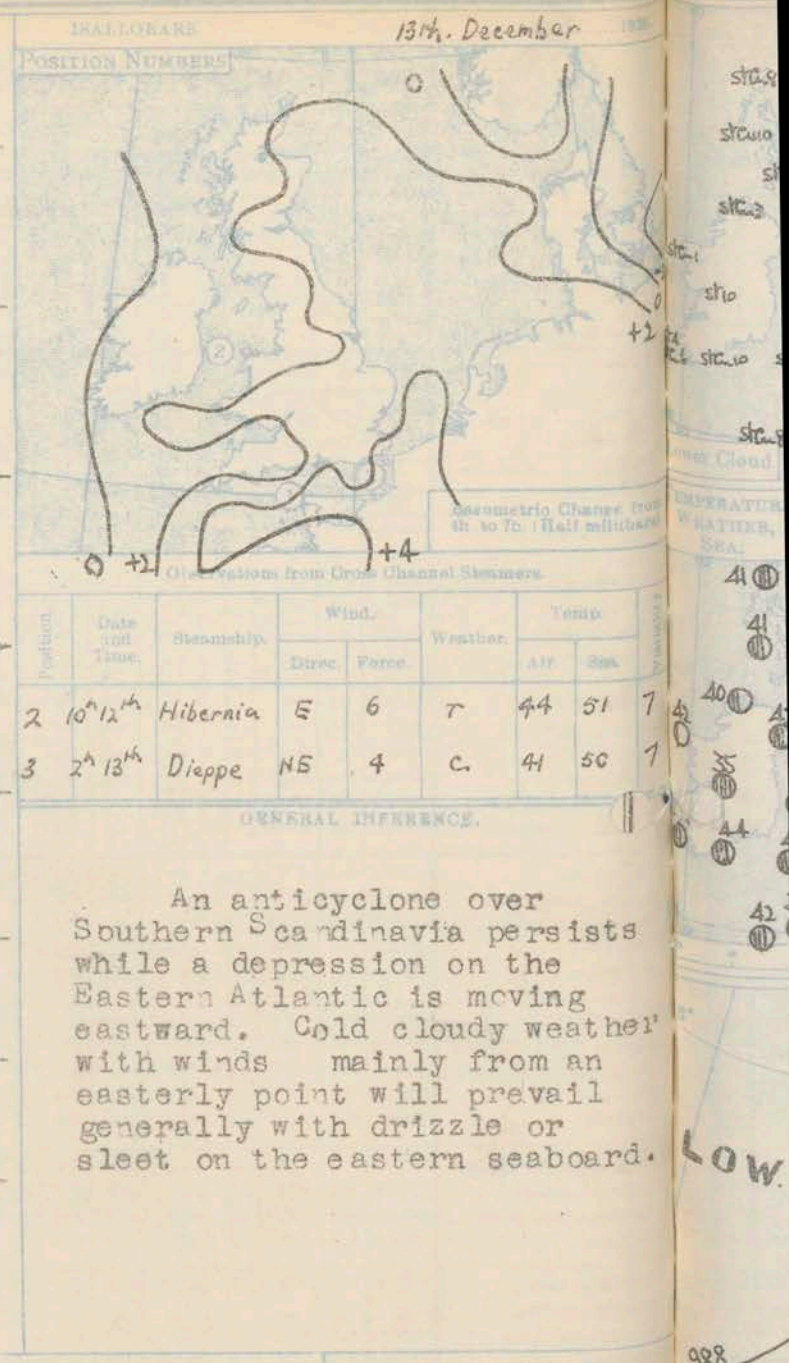
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SUMMARY FOR THE PAST 24 HOURS.

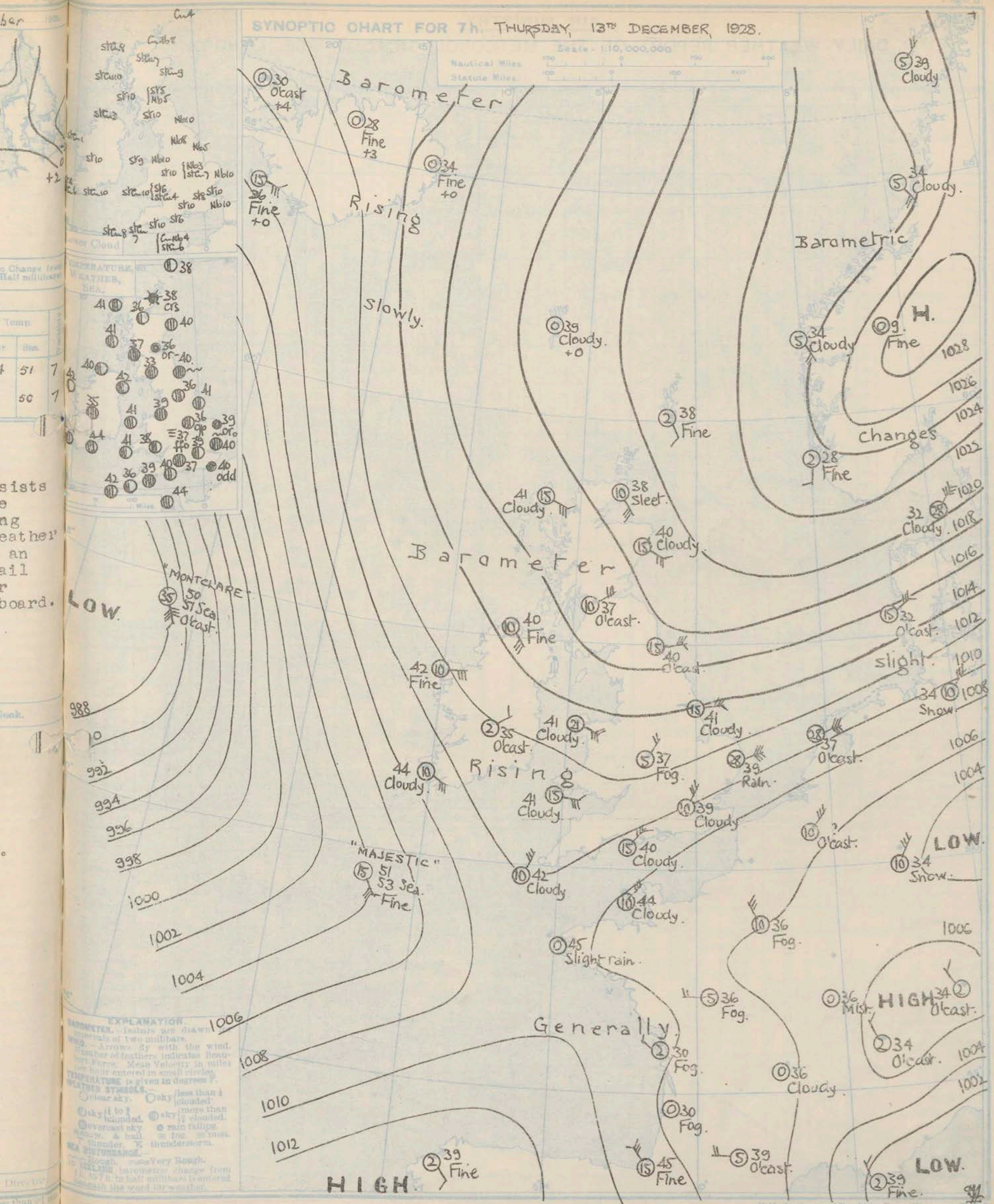
STATIONS	WEATHER				TEMPERATURE			RAINFALL				SUN 12 ^h Hours.
	Th. 12h.	12h. 12h.	12h. 12h.	12h. 12h.	Max. Day.	Min. Night.	Min. on Coast.	Day. Th. 12h.	Night. 12h. 12h.	Day. 12h. 12h.	Night. 12h. 12h.	
Lerwick	c	c	c	c	43	37	.	0.3	15.30	Tr	42.00	0.2
Stornoway	c	c	c	c	43	39	.	.	.	.	.	1.8
Wick	c	c	c	c	45	38	.	0.6	9.00	2	42.00	.
Tiree	c	c	c	c	43	39	37	.	.	.	.	0.0
Nairn	c	c	c	c	40	34	.	.	.	.	.	0.0
Aberdeen	c	c	c	c	43	37	34	1	18.00	1	42.00	0.0
Malin Head	c	c	c	c	45	37	.	.	.	.	.	0.0
Renfrew	c	c	c	c	43	37	35	.	.	.	.	0.2
Edinburgh (Inchkeith)	c	c	c	c	42	36	34	0.5	9.00	2	42.00	0.0
Leuchars	c	c	c	c	43	36	35	1	14.30	2	24.00	0.0
Bekdalemuir	c	c	c	c	47	33	32	0.1	18.00	.	.	0.2
Tynemouth	c	c	c	c	44	38	35	0.1	14.30	0.2	42.00	.
Blacksod Point	c	c	c	c	44	40	.	.	.	.	.	.
Donaghadee	c	c	c	c	45	42	.	.	.	.	.	.
Birr Castle	c	c	c	c	43	39	29	0.1	18.00	Tr	42.00	0.0
Holyhead	c	c	c	c	44	39	36	0.1	18.00	.	.	0.0
Liverpool (Bidston)	c	c	c	c	42	39	35	0.1	9.00	.	.	0.0
Chester (Sealand)	c	c	c	c	42	39	35	0.2	18.00	.	.	0.0
Harrogate	c	c	c	c	40	35	33	.	.	.	.	0.0
Spurn Head	c	c	c	c	43	39	.	1	18.00	0.6	42.00	0.0
Birmingham (Edgbaston)	c	c	c	c	38	36	35	1	18.00	Tr	42.00	0.0
Cranwell	c	c	c	c	39	35	35	2	18.00	1	42.00	0.0
Gorleston	c	c	c	c	39	38	37	2	18.00	1	42.00	0.0
Valentia (Cahiroiveen)	c	c	c	c	43	41	39	.	.	.	.	2.4
Roche Point	c	c	c	c	43	41	.	1	16.30	2	42.00	.
Fembroke (St. Ann's H.)	c	c	c	c	43	38	.	.	.	.	.	0.0
Ross-on-Wye	c	c	c	c	38	37	35	2	18.00	0.1	42.00	0.0
Leafield	c	c	c	c	45	34	32	2	18.00	0.3	42.00	0.0
Winchester (Worthy Do)	c	c	c	c	46	35	34	2	18.00	0.2	42.00	0.0
B. Farnborough	c	c	c	c	46	35	34	3	18.00	1	42.00	0.0
London (Kew Obs.)	c	c	c	c	38	37	36	2	18.00	0.3	42.00	0.0
Croydon	c	c	c	c	47	36	35	3	18.00	1	42.00	0.0
Shoeburyness	c	c	c	c	39	36	36	5	18.00	2	42.00	0.0
Clacton-on-Sea	c	c	c	c	39	38	36	3	18.00	1	42.00	0.0
Felixstowe	c	c	c	c	39	38	36	5	18.00	1	42.00	0.0
Lymington	c	c	c	c	46	34	34	2	18.00	1	42.00	0.0
Scilly (St. Mary's)	c	c	c	c	45	41	.	.	Tr	22.00	4.5	.
Falmouth (Pendennis)	c	c	c	c	48	36	.	.	.	.	.	4.5
Plymouth (Cattewater)	c	c	c	c	40	38	36	Tr	13.30	Tr	42.00	.
Portland Bill	c	c	c	c	40	38	.	.	.	.	.	.
Southampton (Calshot)	c	c	c	c	39	37	36	0.5	18.00	0.1	42.00	0.0
Dunstable	c	c	c	c	40	37	.	2	18.00	2	42.00	.
Guernsey	c	c	c	c	46	41	.	1	14.30	0.5	.	.



GENERAL INFERENCE.

An anticyclone over Southern Scandinavia persists while a depression on the Eastern Atlantic is moving eastward. Cold cloudy weather with winds mainly from an easterly point will prevail generally with drizzle or sleet on the eastern seaboard.

Districts	Forecast for the 24 hours commencing 12 Noon G.M.T. Thursday, 13th December, 1928.	Farther Outlook.
1. S.E. England	Moderate easterly to northeasterly winds, fresh at times; cloudy, some drizzle or sleet; cold.	
2. E. England		
3. E. Midlands		
4. W. Midlands	Moderate northeasterly or easterly winds; cloudy, cold.	
5. S.W. England		
6. South Wales		Cold and cloudy.
7. North Wales		
8. N.W. England	Moderate or fresh easterly winds; cloudy, cold.	
9. N. Midlands		
10. N.E. England	Moderate easterly winds, fresh at times; cloudy, some drizzle or sleet; cold.	
11. S.E. Scotland		
12. S.W. Scotland & Isle of Man	Moderate southeasterly winds, fresh at times; cloudy with brighter intervals; cold.	
13. A.W. Scotland		
14. N.W. Scotland		
15. Mid-Scotland		
16. N.E. Scotland		
17. Orkneys and Shetlands	Moderate southerly or southeasterly winds, fresh at times; cloudy, some drizzle or sleet; cold.	
18. N.W. Ireland	Moderate easterly to southeasterly winds, fresh at times; cloudy with occasional brighter intervals; cold.	
19. N.E. Ireland		
20. S.E. Ireland		
21. S.W. Ireland		



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. Thursday, 13th December 1928.

No. 348.

STATIONS.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 13 th											Observations at 7h. G.M.T. 13 th											Sea.						
		Barom. at M.S.L. in b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-3.	Cloud.			Barom. at M.S.L. in b.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 0-3.	Cloud.									
				Direc.	Force.					Height.	Form.	Amt.			Direc.	Force.					Height.	Form.	Amt.							
																									0-12.	0-10.	0-10.	0-12.	0-10.	0-10.
Lerwick	54	1020.0	+2	SE	1	cl	40	65	8	1500	cu	5	cu	8	1020.6	+1	SE	1	bc	38	65	8	1500	cu	4	-	4	0		
Stornoway	50	1016.0	+2	E	4	cl	39	85	6	-	-	-	10	1016.4	+1	ESE	4	c	41	85	7	4000	st	8	-	8	3			
Wick	21	1015.3	+2	ESE	5	cl	39	85	8	1500	cu	6	cu	8	1015.7	+2	ESE	3	ers	38	92	8	1500	cu	8	ast	10	4		
Thurso	22	-	-	-	-	-	-	-	-	-	-	-	-	1015.3	+1	SSE	5	c	41	92	7	1500	st	10	-	10	4			
Nairn	32	-	-	-	-	-	-	-	-	-	-	-	-	1016.8	-	-	0	bc	36	85	8	2500	st	7	-	7	0			
Aberdeen	37	-	-	-	-	-	-	-	-	-	-	-	-	1019.3	+2	ESE	4	c	40	65	7	2500	st	9	-	9	4			
Malin Head	81	1013.3	+2	SE	2	b	40	92	6	5700	st	2	-	2	1014.4	0	SE	3	bc	40	85	7	5700	st	3	-	3	1		
Benbow	86	-	-	-	-	-	-	-	-	-	-	-	-	1017.1	+2	ENE	3	o	37	85	6	1500	st	10	-	10	0			
Edinburgh (Inchkeith)	190	1014.2	+3	E	3	o	39	85	8	800	st	10	-	10	1014.8	+3	E	2	or	36	92	8	800	st	10	-	10	1		
Leuchars	36	-	-	-	-	-	-	-	-	-	-	-	-	1017.8	+4	ESE	2	or	38	85	8	800	st	10	-	10	0			
Eskealemuir	794	-	-	-	-	-	-	-	-	-	-	-	-	1016.9	+1	NE	2	o	33	92	7	2500	st	10	-	10	0			
Tynemouth	87	1013.5	+2	E	4	o	40	85	7	1500	st	10	-	10	1016.4	+2	E	4	o	40	75	8	1500	st	10	-	10	6		
Blackod Point	18	1011.0	+3	E	4	bc	43	75	7	-	-	-	-	1011.9	0	E	3	b	42	75	7	-	-	-	-	1	2			
Donaghadee	46	-	-	-	-	-	-	-	-	-	-	-	-	1014.5	+1	ESE	5	c	42	85	7	4000	st	8	-	8	4			
Birr Castle	173	-	-	-	-	-	-	-	-	-	-	-	-	1011.6	-	NE	1	o	35	92	6	800	st	10	-	10	0			
Holyhead	26	1011.4	+3	E	3	b	40	97	6	2500	st	2	-	2	1012.9	+1	ESE	5	c	41	92	6	2500	st	3	ast	10	3		
Liverpool (Bidston)	189	-	-	-	-	-	-	-	-	-	-	-	-	1014.1	+2	E	3	o	39	75	6	2500	st	10	-	10	0			
Chester (Sealand)	16	-	-	-	-	-	-	-	-	-	-	-	-	1013.3	+3	ENE	3	c	39	85	5	4000	st	10	-	10	0			
Harrogate	478	-	-	-	-	-	-	-	-	-	-	-	-	1015.4	+2	ENE	2	c	36	85	7	4000	st	8	ast	10	0			
Spurn Head	25	1022.5	+1	ESE	5	c	42	75	7	2500	cu	7	ast	10	1013.0	+2	E	4	c	41	75	7	4000	st	5	ast	10	5		
Birmingham (Edgbaston)	555	-	-	-	-	-	-	-	-	-	-	-	-	1013.5	+3	NE	2	st	37	85	3	1500	st	10	-	10	0			
Cranwell	230	1010.4	+4	ENE	3	c	38	92	6	2500	st	10	-	10	1013.1	+4	N'E	3	cl	36	92	6	1500	st	10	-	10	0		
Gorleston	14	1007.9	+2	ESE	6	or	41	92	7	800	st	10	-	10	1010.7	+3	ESE	6	or	39	97	7	800	st	10	-	10	5		
Valentia (Cahirciveen)	30	1010.2	+2	SE	2	o	45	97	8	-	-	-	-	1009.8	0	ESE	3	c	44	75	8	2500	st	10	-	10	3			
Roche Point	22	-	-	-	-	-	-	-	-	-	-	-	-	1010.8	+2	ESE	4	c	44	85	8	1500	st	10	-	10	4			
Pembroke (St. Ann's H.)	100	1008.4	+4	ENE	2	bc	40	85	7	1500	cu	3	ast	5	1010.3	+2	E	4	c	41	85	6	1500	st	10	-	10	2		
Roos-on-Wye	223	-	-	-	-	-	-	-	-	-	-	-	-	1012.1	+2	ENE	3	c	38	85	6	2500	st	10	-	10	0			
Leadfield	612	-	-	-	-	-	-	-	-	-	-	-	-	1011.4	+3	NNE	3	o	36	92	6	800	st	10	-	10	0			
Winchester (Worthy Dk.)	273	-	-	-	-	-	-	-	-	-	-	-	-	1010.1	+2	N'E	3	c	38	85	7	1500	st	9	-	9	0			
S. Farnborough	237	-	-	-	-	-	-	-	-	-	-	-	-	1009.9	+4	NE	3	o	37	92	6	1500	st	10	-	10	0			
London (Kew Obs.)	16	-	-	-	-	-	-	-	-	-	-	-	-	1010.5	+3	NE	3	c	39	85	6	1500	st	8	ast	10	0			
Croydon	244	1006.8	+3	NE	3	od	37	92	5	450	st	10	-	10	1008.8	+3	NE	4	or	38	92	6	800	st	10	-	10	0		
Shoeburyness	11	-	-	-	-	-	-	-	-	-	-	-	-	1010.2	+4	NE	5	or	38	97	7	2500	st	8	ast	10	0			
Olaeton-on-Sea	54	-	-	-	-	-	-	-	-	-	-	-	-	1009.4	+3	ENE	4	o	40	85	7	4000	st	10	-	10	3			
Felixstowe	15	-	-	-	-	-	-	-	-	-	-	-	-	1010.5	+3	NE	5	c	41	75	7	2500	st	8	ast	10	6			
Lymington	380	1005.4	+3	N'E	3	or	35	97	6	450	st	10	-	10	1008.9	+4	N'E	3	or	36	92	6	450	st	10	-	10	0		
Scilly (St. Mary's)	163	1007.3	+2	NNE	3	c	43	85	7	4000	st	10	-	10	1009.9	+2	NE	3	c	42	85	7	4000	st	8	-	8	2		
Falmouth (Pendennis)	300	1006.4	+3	N'E	3	c	37	92	7	4000	st	10	-	10	1009.3	+3	NNE	2	bc	36	92	7	4000	st	7	-	7	0		
Plymouth (Cattewater)	82	-	-	-	-	-	-	-	-	-	-	-	-	1009.8	+2	NNE	2	o	39	85	6	800	st	10	-	10	0			
Portland Bill	32	1008.2	+4	NNE	4	bc	38	85	6	1500	st	5	ast	7	1009.8	+2	NE	4	c	40	85	6	1500	st	6	ast	10	0		
Southampton (Calshot)	10	1006.1	+3	NE	3	o	38	92	6	1500	st	10	-	10	1009.3	+4	N'E	2	c	39	85	6	1500	st	10	-	10	0		
Bungay	20	1004.8	+3	NE	3	or	39	85	7	1500	st	10	-	10	1007.4	+4	ENE	4	od	40	85	7	1500	st	10	-	10	3		
Guernsey (Port George)	203	1005.0	+3	NNE	2	c	41	92	5	2500	st	10	-	10	1008.4	+3	NE	3	c	44	75	8	1500	st	10	-	10	4		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Wednesday, 12th December

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	Forenoon.	Afternoon.	Min.	Max.	Night	Day	Sunrise									
			9h. to 12h.	12h. to 3h.	12h. to 17h.	17h. to 12h.	to Sunset.									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)									
Berwick-on-Tweed	crs	c.c	40	42	-	0.4	0.0	Bude	...	wmc	cm	36	40	Trace	-	0.0
Douglas (I.O.M.)	od	c	38	44	4	0.3	0.6	Peasance	...	b	bc	37	44	1	-	3.6
Llandudno	oro	o	35	43	1	0.1	0.0	Paignton	...	rpm	oco	37	40	4	-	0.0
Colwyn Bay	o	o	35	43	2	-	0.0	Torquay	...	ome	omo	38	41	0.5	-	0.2
Rhyl	o	co	35	43	1	-	0.0	Jersey	...	cbo	c	39	45	-	-	2.7
Wallasey	fers	lfo	35	42	2	Trace	0.0	Weymouth	...	c	c	36	39	2	-	0.0
Southport	oco	o	*38	42	1	-	0.0	Bournemouth	...	ro	oro	34	38	2	0.3	0.0
Blackpool	c	c	36	42	0.1	-	0.0	Vantior	...	or	or	35	38	3	1	0.0
Ukley	oro	c	33	40	3	0.4	0.0	Portsmouth (St. Michael's)	...	ord	of	36	39	4	0.5	0.0
Cleethorpes	od	o	37	41	2	2	0.0	Bognor	...	orof	oroc	35	38	6	0.5	0.0
Skogness	opro	pro	38	42	1	1	0.0	Littlehampton	...	oro	oc	35	38	5	0.4	0.0
Aberystwyth	roc	c	37	42	1	-	0.0	Worthing	...	ord	oid	35	38	4	0.3	0.0
Bath	rcr	cc	34	38	6	1	0.0	Brighton	...	dor	odod	35	39	6	1	0.0
Cheltenham	oid	orm	35	38	4	1	0.0	Eastbourne	...	rfo	rfo	35	39	4	0.4	0.0
Leamington Spa	or	or	34	38	4	1	0.0	Haslemere	...	ordd	ord	33	38	3	1	0.0
Lowestoft	crc	crc	37	38	2	1	0.0	Folkestone	...	orm	orm	33	39	4	1	0.0
Harwich & Dovercourt	ocr	ocr	37	39	10	3	0.0	Dover	...	or	or	35	40	6	1	0.0
Malden	rr	rr	35	38	6	2	0.0	Tunbridge Wells	...	ofd	oror	33	37	3	1	0.0
Southend	orr	orr	36	38	7	3	0.0	Barnegate	...	d	d	37	39	7	2	0.0
								Margate	...	cd	cd	37	39	6	2	0.0
								Deal	...	rodo	dor	35	39	10	1	0.0

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received.

† The observations at 1h. G.M.T. and at Guernsey, the sunshine readings

are from an auxiliary station.

‡ For code see page 1.

§ See footnote



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 24494

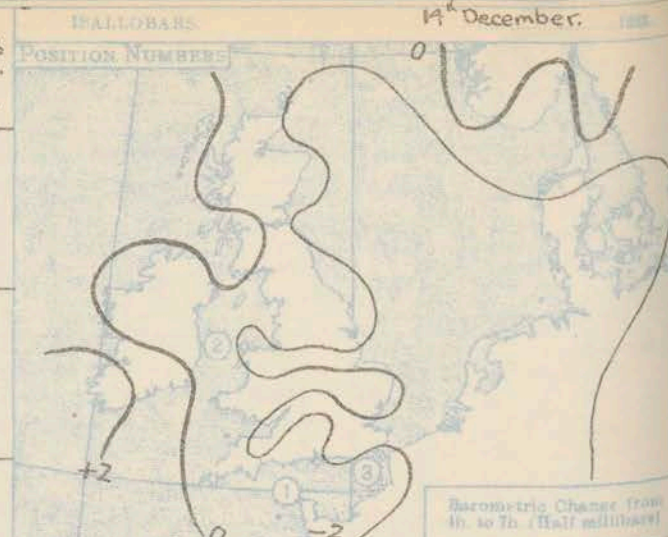
Friday, 14th December, 1928.

Page 1.

Observations at 13h. G.M.T. 13 ^h															Observations at 13h. G.M.T. 13 ^h														
STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.				State of ground.	Remarks.	Barom. at M.S.L. mb.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.				State of ground.	Remarks.	
			Direc.	Force.					Low.	Upper.	Total.	Direc.					Force.	Low.					Upper.	Total.					
																									Height.	Form.			Amount.	Height.	Form.	Amount.
(For heights see p. 4).			0-12					0-9	Feet	0-10	0-10						0-12						0-9	Feet	0-10	0-10			
Lerwick	1021.7	+1	SE	1	C	40	55	3	1500	Cl.	6	11st.	3		1021.8	0	S	1	C	35	75	3	1500	Cl.	3	-	3	0	
Stornoway	1016.9	-1	SE	5	C	40	75	7	1400	Cl.	8	-	3		1016.7	-1	SE	5	C	40	75	7	1400	Cl.	9	-	9	0	
Wick	1020.8	+1	SE	4	C	41	75	8	1500	Cl.	6	11st.	3		1020.5	0	SE	4	C	40	65	8	1500	Cl.	6	11st.	10	0	
Thurso	1015.6	0	SE	5	C	41	85	8	1500	Cl.	9	-	9	0	1015.3	0	SE	6	C	40	85	8	1500	Cl.	10	-	10	0	
Kairn	1020.8	+1	SE	5	C	40	65	7	1500	Cl.	9	-	9	1	1020.3	0	SE	4	C/ps	40	65	7	1500	Cl.	10	-	10	0	
Aberdeen	1016.7	0	SE	4	C	41	92	8	5700	Cl.	9	-	9		1016.0	-1	SE	4	C	41	92	8	5700	Cl.	9	-	9	1	
Malin Head	1017.3	0	E.N.	3	C	39	75	6	2500	Cl.	9	-	9	1	1017.2	0	SE	3	C	37	75	6	2500	Cl.	10	-	10	0	
Benbow	1017.3	0	E	3	C	39	75	8	1500	Cl.	9	-	9		1017.0	0	SE	2	0	39	65	8	300	Cl.	10	-	10	1	
Edinburgh (Leith)	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	2	1017.2	0	SE	2	C/ps	36	97	8	1500	Cl.	10	-	10	0	
Leuchars	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C	38	92	7	1500	Cl.	10	-	10	0	
Blackhead	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Tynemouth	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Blackpool	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Donaghadee	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Birr Castle	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Holyhead	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Liverpool (Bidston)	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Chester (Sealand)	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Harrogate	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Sourth Head	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Birmingham (Edgbaston)	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Cranwell	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Gorleston	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Valentia (Cahirciveen)	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Booby Point	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Pembroke (St. Ann's H.)	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Ross-on-Wye	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Leafield	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Winchester (Worthy Dn.)	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
S. Farnborough	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
London (New Ob.)	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Croydon	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Shoeburyness	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Chesilton-on-Sea	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Folkestone	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Lymington	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Bolton (St. Mary's)	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Plymouth (Pendennis)	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Plymouth (Cattewater)	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Portland Bill	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Southampton (Vulcan)	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
Guernsey (Fort George)	1017.9	0	E	3	C	38	92	8	1500	Cl.	10	-	10	1	1017.2	0	E	2	C/ps	40	75	8	1500	Cl.	10	-	10	0	
LONDON OBSERVATIONS.															LONDON OBSERVATIONS.														
Day 7h-13h, New & Croydon.															Day 7h-13h, New & Croydon.														
At 13h, Newington.															At 13h, Newington.														
At 13h, other stations.															At 13h, other stations.														
New	1021.7	+1	SE	1	C	40	55	3	1500	Cl.	6	11st.	3		1021.8	0	S	1	C	35	75	3	1500	Cl.	3	-	3	0	
Croydon	1016.9	-1	SE	5	C	40	75	7	1400	Cl.	8	-	3		1016.7	-1	SE	5	C	40	75	7	1400	Cl.	9	-	9	0	
Greenwich (Royal Ob.)	1020.8	+1	SE	4	C	41	75	8	1500	Cl.	6	11st.	3		1020.5	0	SE	4	C	40	65	8	1500	Cl.	6	11st.	10	0	
Orly (Bunhill Row)	1015.6	0	SE	5	C	41	85	8	1500	Cl.	9	-	9	0	1015.3	0	SE	6	C	40	85	8	1500	Cl.	10	-	10	0	
Westminster (St. James' Pk.)	1020.8	+1	SE	5	C	40	65	7	1500	Cl.	9	-	9	1	1020.3	0	SE												
Regent's Pk. (Botanic Grns.)	1020.8	+1	SE	5	C	40	65	7	1500	Cl.	9	-	9	1	1020.3	0	SE												
Camden Square	1020.8	+1	SE	5	C	40	65	7	1500	Cl.	9	-	9	1	1020.3	0	SE												
Reading Palace	1020.8	+1	SE	5	C	40	65	7	1500</																				

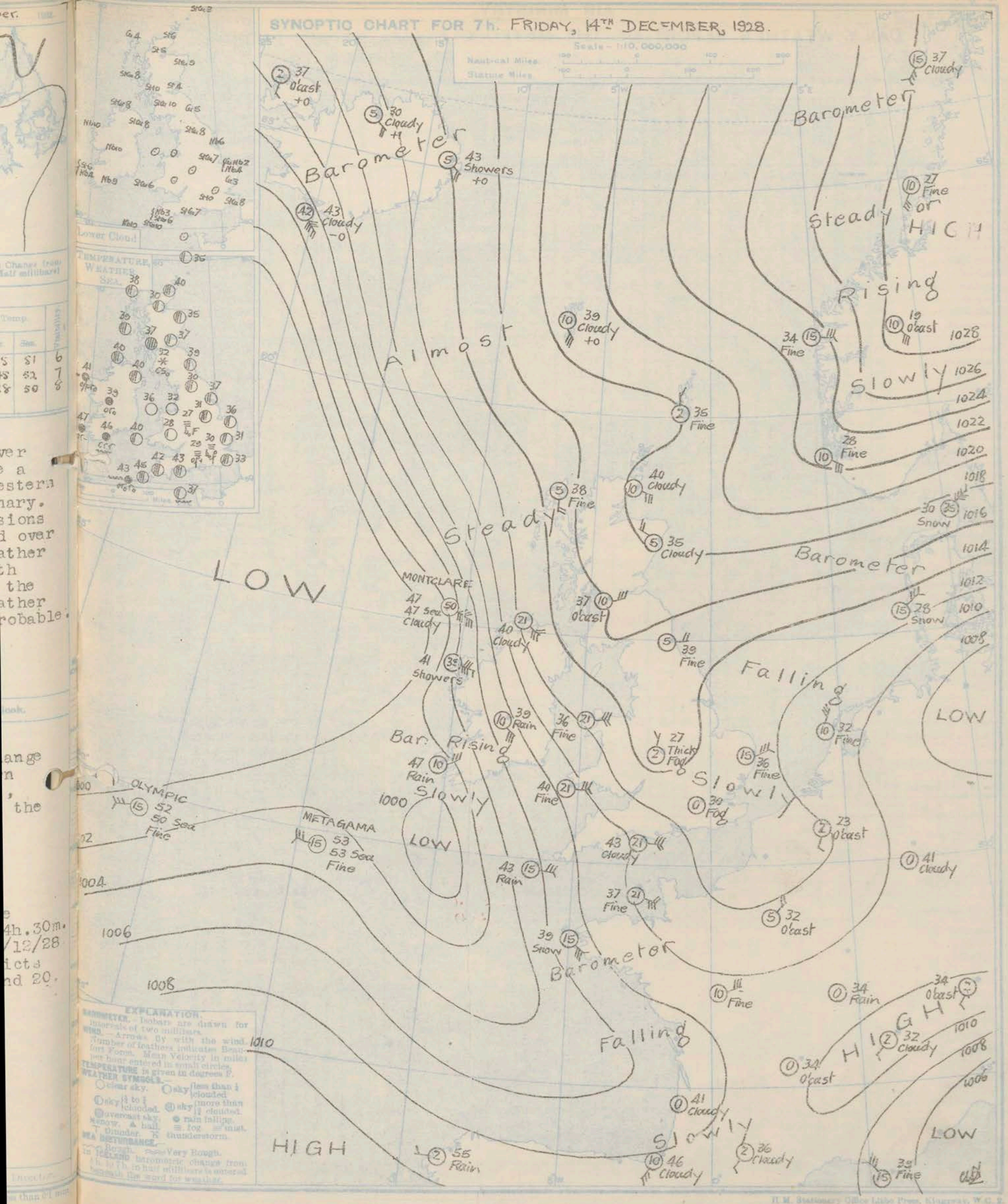
SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				SUN 13 ^h Hours.
	7h-12h	12h-15h	15h-18h	18h-24h	MAX. Day.	MIN. Night.	MIN. on Ground.	Day 7h-12h	Night 12h-18h	24h-7h		
	13 ^h	13 ^h	13 ^h	14 ^h	7h-12h	12h-18h	18h-24h	mm.	mm.	mm.	begs.	
Lerwick ...	bacy	cbl	bce	cbe	40	35	.	-	-	-	-	0.7
Stornoway ...	c	c	c	cbe	42	35	.	-	-	-	-	0.0
Wick ...	cprsc	c	c	c	42	39	.	1	18.00	-	-	0.0
Tiree ...	c	cbl	cog	oc	42	38	36	-	-	-	-	0.0
Nairn ...	bac	c	cbe	bc	38	30	.	-	-	-	-	0.0
Aberdeen ...	cprh	cpr	c	c	40	34	30	0.6	9.00	-	-	0.1
Malin Head ...	bacc	c	c	c	41	39	.	-	-	-	-	0.1
Renfrew ...	ozzo	c	c	c	39	34	32	-	-	-	-	0.0
Edinburgh (Inchkeith) ...	cprc	c	c	c	40	36	32	Tr.	18.00	Tr.	4.30	0.0
Leuchars ...	cprh	cpr	cpr	cpr	40	33	30	0.3	11.00	0.6	42.00	0.0
Exdalemuir ...	cprc	c	c	c	40	31	31	Tr.	9.00	Tr.	-	0.0
Tynemouth ...	cpr	cpr	c	c	41	36	30	0.2	9.00	0.4	3.30	.
Blacksod Point ...	c	c	c	c	44	40	.	-	-	-	-	.
Donaghadee ...	cbl	bac	c	c	44	40	.	-	-	-	-	.
Birr Castle ...	om	om	om	om	42	38	37	-	-	0.4	6.30	0.0
Holyhead ...	om	om	om	om	42	34	31	-	-	-	-	0.0
Liverpool (Bidston) ...	m, o, z	om, o	om, o	om, o	40	31	27	-	-	-	-	0.0
Chester (Sealand) ...	om	om	om	om	40	28	18	-	-	-	-	0.0
Harrogate ...	c	c	c	c	47	28	22	-	-	Tr.	3.30	0.0
Spurn Head ...	cprc	cprc	cprc	cprc	41	36	.	1	18.00	Tr.	24.00	0.0
Birmingham (Edgbaston) ...	gno	mm	ob	ob	43	26	17	-	-	-	-	0.0
Oxanwell ...	c	c	c	c	43	28	23	Tr.	13.30	-	-	0.0
Gorleston ...	cprh	cpr	cpr	cpr	41	30	26	1	18.00	0.5	41.00	0.2
Valentia (Cahirciveen) ...	c	c	c	c	47	44	42	0.1	11.00	18	42.00	0.0
Roches Point ...	cpr	cpr	cpr	cpr	47	45	.	om	9.00	9	42.00	.
Pembroke (St. Ann's H.) ...	cbl	bg	bem	bem	43	39	.	-	-	-	-	4.5
Ross-on-Wye ...	c	c	c	c	40	28	23	-	-	-	-	0.0
Leafield ...	cprc	c	c	c	47	24	15	0.1	9.00	-	-	0.0
Winchester (Worthy Dn) ...	c	c	c	c	49	27	19	-	-	-	-	0.0
S. Farnborough ...	om	om	om	om	49	28	17	Tr.	9.00	Tr.	42.00	0.0
London (Kew Obs.) ...	om	om	om	om	49	29	19	-	-	Tr.	-	0.0
Oroydon ...	om	om	om	om	49	29	19	0.1	18.00	Tr.	42.00	0.0
Shoeburyness ...	cprc	cprc	c	c	41	29	24	1	18.00	-	-	0.0
Glaughton-on-Sea ...	cpr	cpr	cpr	cpr	41	30	27	1	14.00	1	22.00	0.0
Felixstowe ...	cpr	cpr	cpr	cpr	41	27	24	0.6	9.00	1	42.00	0.0
Lymington ...	cpr	cpr	cpr	cpr	48	30	24	0.5	18.00	Tr.	42.00	0.0
Scilly (St. Mary's) ...	c	c	c	c	46	43	.	0.1	15.00	2	42.00	0.7
Falmouth (Pendennis) ...	bac	cpr	cpr	cpr	45	44	.	0.2	13.30	3	42.00	0.0
Plymouth (Cattewater) ...	om, bc	cpr	cpr	cpr	42	40	38	Tr.	14.00	0.2	22.00	1.2
Port and Bill ...	c	c	c	c	42	41	.	-	-	Tr.	4.30	.
Southampton (Calshot) ...	om	om	om	om	41	33	30	Tr.	16.00	-	-	0.0
Dunneen ...	cpr	cpr	cpr	cpr	41	31	.	1	10.00	Tr.	42.00	.
Guernsey ...	cpr	cpr	cpr	cpr	45	36	.	2	13.00	Tr.	42.00	0.6



SYNOPTIC CHART FOR 7h. FRIDAY, 14TH DECEMBER, 1928.

Scale - 1:10,000,000
Nautical Miles
Statute Miles



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. Friday, 14th December 1928.

No. 349

STATIONS.	Height above M.S.L. in feet.	Observations at 10h. G.M.T. 14 th											Observations at 7h. G.M.T. 14 th											Sea.						
		Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.			Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.									
				Direc.	Force.					Height.	Form.	Amt.			Direc.	Force.					Height.	Form.	Amt.							
																									0-12	0-10	0-10	0-12	0-10	0-10
Lerwick	1011.6	30.1	0	SE	1	0	36	78	8	1500	Stn	4	ast	8	1017.9	-2	N	1	bc	35	75	8	1500	Stn	3	-	3	-		
Stornoway	30	1016.9	0	SE	4	0	36	78	8	1500	St	10	-	10	1016.7	0	S	2	bc	38	75	7	4000	Cn	4	-	4	-		
Wick	31	1019.4	-1	ESE	3	0	40	68	8	1500	St	10	-	10	1018.1	-2	ESE	3	c	48	65	8	1800	St	6	ast	10	-		
Tiree	32	1019.4	-1	ESE	3	0	40	68	8	1500	St	10	-	10	1018.6	0	SE	6	c	39	92	7	2500	Stn	8	-	8	-		
Nairn	33	1019.4	-1	ESE	3	0	40	68	8	1500	St	10	-	10	1017.0	0	-	0	bc	34	85	8	1800	St	5	-	5	-		
Aberdeen	37	1019.4	-1	ESE	3	0	40	68	8	1500	St	10	-	10	1018.0	-1	NW	2	c	35	75	7	2500	Stn	9	-	9	-		
Malin Head	31	1012.6	-1	SE	4	0	40	85	7	5700	Stn	10	-	10	1012.0	0	SE	5	c	40	85	7	5700	Stn	8	-	8	-		
Kenfrew	36	1012.6	-1	SE	4	0	40	85	7	5700	Stn	10	-	10	1012.4	0	E	3	c	37	75	6	2500	St	10	-	10	-		
Edinburgh (Inchkeith)	140	1017.4	0	ESE	3	0	39	55	8	1500	St	9	-	9	1016.1	-2	SSE	2	bc	37	85	8	3000	St	1	-	4	-		
Leuchars	30	1017.4	0	ESE	3	0	39	55	8	1500	St	9	-	9	1016.4	-1	E	2	bc	36	75	8	2500	Stn	3	-	3	-		
Eskdalemuir	704	1017.4	0	ESE	3	0	39	55	8	1500	St	9	-	9	1016.1	0	N'E	3	cs	32	52	7	2500	Stn	10	-	10	-		
Tynemouth	87	1017.6	-1	E	1	0	40	78	7	1500	St	10	-	10	1015.1	-2	E	2	bc/r	39	65	8	1500	Cn	5	-	5	-		
Blackhead Point	18	1004.9	-3	E	7	bc	43	68	7	-	CnNb	6	-	6	1003.8	-1	ESE	7	o/r	41	85	6	-	Nb	10	-	10	-		
Donaghadee	40	1004.9	-3	E	7	bc	43	68	7	-	CnNb	6	-	6	1014.4	+1	SES	4	c	40	65	8	4000	Stn	8	-	8	-		
Birr Castle	173	1004.9	-3	E	7	bc	43	68	7	-	CnNb	6	-	6	1007.0	0	SE	3	oro	39	85	6	1500	Nb	10	-	10	-		
Holyhead	90	1012.3	-3	ESE	4	c	39	92	6	2500	Stn	9	-	9	1011.6	-2	E	5	b	36	92	7	-	-	0	-	0	-		
Liverpool (Bidston)	128	1012.3	-3	ESE	4	c	39	92	6	2500	Stn	9	-	9	1013.9	-1	ESE	3	b	32	85	5	-	-	0	-	0	-		
Chester (Sealand)	16	1012.3	-3	ESE	4	c	39	92	6	2500	Stn	9	-	9	1013.8	-2	SES	2	mm	25	92	4	-	-	0	-	0	-		
Harrogate	478	1012.3	-3	ESE	4	c	39	92	6	2500	Stn	9	-	9	1013.2	-1	NW	1	c	30	92	7	4000	Stn	8	-	8	-		
Spurn Head	30	1016.0	0	N'S	1	c	38	85	7	4000	CnNb	8	-	8	1013.1	-1	ENE	4	bc	37	75	7	4000	Nb	6	-	6	-		
Birmingham (Edgbaston)	536	1016.0	0	N'S	1	c	38	85	7	4000	CnNb	8	-	8	1014.3	-1	NNE	1	Fb	27	97	1	-	-	0	-	0	-		
Cranwell	238	1016.4	-1	-	0	c	31	97	6	4000	Stn	9	-	9	1014.4	-2	N'W	1	c	31	92	6	2500	Stn	7	ast	8	-		
Gorleston	14	1014.8	0	N'E	2	b	36	92	7	4000	Cn	2	-	2	1012.7	-2	E'N	4	bc	36	92	7	1500	Nb	6	-	6	-		
Valentine's (Cahirelveen)	30	1001.0	-2	SE	7	ORR	45	97	8	-	St	10	-	10	1000.7	+3	ENE	3	or	47	92	7	1500	St	10	-	10	-		
Roches Point	22	1001.0	-2	SE	7	ORR	45	97	8	-	St	10	-	10	1004.5	+1	SSE	6	crr	46	97	6	500	Nb	9	-	9	-		
Pembroke (St. Ann's H.)	150	1003.8	-2	E	4	bc	41	92	6	1500	Stn	6	-	6	1003.4	-1	E	5	bc	40	92	6	1500	Stn	6	-	6	-		
Boss-on-Wye	233	1003.8	-2	E	4	bc	41	92	6	1500	Stn	6	-	6	1013.2	-2	E'N	2	b	28	92	6	-	-	0	-	0	-		
Leafield	512	1003.8	-2	E	4	bc	41	92	6	1500	Stn	6	-	6	1013.4	-2	NE	2	fb	26	97	3	-	-	0	-	0	-		
Winchester (Worthy Dn.)	272	1003.8	-2	E	4	bc	41	92	6	1500	Stn	6	-	6	1013.7	-1	N	1	st	27	97	7	4000	Stn	1	ci	2	-		
S. Farnborough	237	1003.8	-2	E	4	bc	41	92	6	1500	Stn	6	-	6	1013.0	-1	NE	1	fo	29	97	3	1500	St	10	-	10	-		
London (Kew Obs.)	18	1013.0	0	E	1	bc	31	97	6	-	-	0	ast	3	1013.1	-1	-	0	fb	30	97	2	-	-	0	-	0	-		
Croydon	244	1013.0	0	E	1	bc	31	97	6	-	-	0	ast	3	1013.5	0	E'S	1	mm	31	97	4	400	St	3	-	3	-		
Shoeburyness	11	1013.0	0	E	1	bc	31	97	6	-	-	0	ast	3	1012.9	-2	NNW	2	bc	29	97	7	-	-	0	-	0	-		
Clacton-on-Sea	14	1013.0	0	E	1	bc	31	97	6	-	-	0	ast	3	1012.2	-2	N	3	bc	31	85	7	4000	Cn	3	-	3	-		
Felixstowe	15	1013.0	0	E	1	bc	31	97	6	-	-	0	ast	3	1012.6	-1	N	2	bc	28	85	7	4000	Stn	5	-	5	-		
Lymington	350	1013.8	0	NE	2	c+	34	75	8	2500	Stn	9	-	9	1011.9	-1	N	1	cs	32	92	6	4000	Stn	5	-	5	-		
Seilly (St. Mary's)	108	1007.8	-4	ESE	5	c	47	92	7	4000	Stn	10	-	10	1005.4	0	E'S	4	oro	43	97	6	4000	Nb	10	-	10	-		
Palmouth (Pendennis)	260	1007.8	-4	SSE	6	c/r	45	92	8	2500	Nb	6	ast	10	1006.3	-1	ESE	5	c	45	85	7	4000	Stn	10	-	10	-		
Plymouth (Cattewater)	28	1007.8	-4	SSE	6	c/r	45	92	8	2500	Nb	6	ast	10	1006.1	-2	SE	5	c	42	75	7	2500	Stn	9	-	9	-		
Portland Bill	33	1011.0	-3	ENE	5	c	42	75	6	2500	Stn	10	-	10	1009.7	-1	ESE	5	c	43	65	8	2500	Stn	7	ast	10	-		
Southampton (Calshot)	10	1013.7	-2	E'N	4	bc	36	85	6	4000	Stn	3	-	3	1011.7	-2	ENE	4	bc	39	85	6	4000	Stn	2	ec	3	-		
Dungeness	20	1013.8	0	ESE	3	bc	37	65	8	2500	Cn	4	-	4	1012.3	-1	N	1	c+	33	92	8	4000	Stn	8	-	8	-		
Guernsey (Fort George)	205	1011.8	0	ESE	4	c+	40	75	8	4000	Stn	10	-	10	1010.5	-1	ESE	5	bc	37	65	9	-	-	0	ast	7	-		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 15th December

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.*		SUNSHINE.	(1) (2) (3) (4) (5) (6) (7) (8)							
	Forenoon.	Afternoon.	Min. 9h. to 12h.	Max. 12h. to 3h.	Night 12h. to 3h.	Day 3h. to 12h.									
Berwick-on-Tweed	0	0	37	40	-	-	0.0	bc	bc	36	40	-	-	-	3.7
Douglas (I. of M.)	c	c	40	41	-	-	0.0	om	oc	34	44	0.1	-	-	0.0
Llandudno	0	0	39	41	-	-	0.0	og	o	38	43	-	-	-	0.0
Colwyn Bay	0	0	39	41	-	-	0.0	og	o	39	43	-	-	-	0.7
Rhyl	0	0	39	41	-	-	0.0	og	o	39	43	-	-	-	0.0
Wallasay	0	0	38	40	-	-	0.0	og	o	39	43	-	-	-	0.0
Southport	0	0	38	39	-	-	0.0	og	o	39	43	-	-	-	0.0
Blackpool	0	0	38	39	-	-	0.0	og	o	39	43	-	-	-	0.0
Ilkley	0	0	35	38	-	-	0.0	og	o	39	43	-	-	-	0.0
Cleethorpes	0	0	33	40	-	-	0.0	og	o	39	43	-	-	-	0.0
Skagness	0	0	38	41	-	-	0.0	og	o	39	43	-	-	-	0.0
Aberystwyth	0	0	37	42	-	-	0.0	og	o	39	43	-	-	-	0.0
Bath	0	0	35	41	-	-	0.0	og	o	39	43	-	-	-	0.0
Cheltenham	0	0	36	40	-	-	0.0	og	o	39	43	-	-	-	0.0
Leamington Spa	0	0	36	40	-	-	0.0	og	o	39	43	-	-	-	0.0
Lowestoft	0	0	37	41	-	-	0.0	og	o	39	43	-	-	-	0.0
Harwich & Dovercourt	0	0	37	39	-	-	0.0	og	o	39	43	-	-	-	0.0
Malden	0	0	34	39	-	-	0.0	og	o	39	43	-	-	-	0.0

BRITISH SECTION.

No. B-24495

Saturday, 15th December 1928.

Page 1.

Observations at 15h. G.M.T. 14h.															Observations at 16h. G.M.T. 14h.														
STATIONS.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.			Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.			Sea.						
			Direc.	Force.					Low.	Upper.	Total.			Direc.	Force.					Low.	Upper.	Total.							
																								Height.	Form.	Amount.	Height.	Form.	Amount.
(For heights see p. 4).	mi.		0-12						Feet	0-10	0-10			0-12					Feet	0-10	0-10	0-9							
Lerwick	1018.7	-1	0	0	c/pr	38	88	7	1500	CaNb	5	ASt	10	0	1018.4	+1	0	0	c/pr	37	92	6	1500	CaNb	6	ASt	10	0	
Stornoway	1017.7	+1	SE	3	b	41	65	8	1500	CaNb	0	ASt	0	0	1018.1	+3	SE	1	b	34	85	7	1500	CaNb	0	ASt	0	0	
Wick	1019.0	+1	ESE	3	c	40	97	8	1500	CaNb	6	ASt	8	0	1018.13	+2	S	2	or	38	92	8	1500	St	10	-	10	3	
Tiree	1016.2	+3	SE	6	bc	40	65	9	4000	Ca	5	-	5	0	1018.4	+3	S	5	bc	40	65	9	4000	Ca	6	-	6	4	
Nairn	1019.3	+1	E	2	c	39	65	8	2500	Ca	8	-	8	1	1020.8	+2	ENE	3	c	28	85	7	2500	Ca	2	-	2	9	
Aberdeen	1019.3	+1	E	2	c	39	65	8	2500	Ca	8	-	8	1	1020.8	+2	ENE	3	c	28	85	7	2500	Ca	2	-	2	9	
Malin Head	1014.7	+3	SE	5	b	40	85	7	5700	StCa	2	-	2	0	1017.7	+4	SE	2	b	37	85	7	5700	StCa	1	-	1	1	
Renfrew	1017.9	+1	E	2	bc	37	75	5	5700	StCa	5	ASt	5	0	1018.8	+4	ENE	3	b	35	85	5	-	0	-	0	0		
Edinburgh (Inchkeith)	1017.8	+1	N	2	c	37	92	8	800	St	9	-	9	0	1019.1	+3	SSE	2	bc	35	85	8	1500	St	4	-	4	1	
Loughs	1018.2	+1	N	2	c	36	97	8	2500	StCa	9	-	9	1	1019.7	+2	NE	2	bc	35	92	8	4000	CaNb	5	-	5	0	
Skidalemuir	1017.0	+1	NE	3	c	36	65	8	4000	StCa	2	-	2	2	1020.0	+3	NNW	1	b	27	92	8	4000	StCa	2	-	2	0	
Tynemouth	1018.8	+2	NE	2	bc	37	92	7	1500	CaNb	7	-	7	0	1018.0	+2	E	2	bc/s	37	85	8	1500	CaNb	6	-	6	4	
Blackhead Point	1007.8	+4	ESE	6	c+	42	75	8	4000	CaNb	10	-	10	0	1010.8	+2	ESE	6	c	42	85	6	4000	CaNb	10	-	10	7	
Donaghadee	1018.6	+3	SE	4	c+	41	65	8	4000	StCa	8	-	8	0	1018.6	+3	SE	3	bc+	41	65	8	4000	StCa	7	-	7	3	
Bixr Castle	1018.2	SE	3	od	40	92	6	1500	Nb	10	-	10	0	1013.8	E	4	c	40	85	7	2500	StCa	4	ASt	9	0	0		
Holyhead	1014.8	+3	E	4	b	40	85	8	4000	Ca	1	-	1	1	1017.6	+4	E/S	2	b	37	92	6	-	0	Ci	1	1		
Liverpool (Bidston)	1015.3	0	E/N	2	mmb	36	75	4	4000	StCa	1	-	1	0	1017.8	+3	E/S	3	mmb	35	75	4	4000	St	7	-	7	0	
Chester (Sealand)	1015.0	0	-	0	Fb	39	85	4	4000	Ca	1	-	1	6	1017.9	+5	-	0	Fb+	23	97	1	-	0	-	0	0		
Harrogate	1015.6	+1	NE	2	ch	35	75	7	4000	CaNb	8	-	8	0	1018.7	+2	NE	1	b	29	92	7	2500	St	1	-	1	0	
Spurn Head	1014.5	0	NNE	3	bc	39	65	8	4000	Ca	5	-	5	3	1018.4	+1	NE	3	bc	38	65	7	4000	CaNb	6	-	6	3	
Birmingham (Edgbaston)	1015.1	0	NE	3	fc	34	85	3	-	0	ASt	8	3	1018.3	+3	NNE	1	fc+	32	85	2	4000	StCa	8	-	8	0		
Crawwell	1015.0	0	NE	2	bc+	35	85	7	4000	StCa	4	ASt	7	1	1017.5	+3	NE	1	b	29	92	6	4000	StCa	1	-	1	0	
Gorleston	1013.1	0	N	2	bc	39	75	7	2500	Ca	4	-	4	0	1014.7	+2	NW	2	bc	34	92	7	4000	Ca	5	-	5	0	
Valentia (Cahirciveen)	1008.3	+5	SEE	5	c	48	85	7	1500	StCa	9	-	9	2	1011.1	+5	SEE	5	c	45	85	8	1500	St	7	ASt	9	3	
Roche's Point	1010.1	+5	SSE	5	c/r	45	92	7	1500	StCa	10	-	10	0	1014.2	+4	SE	4	c	45	85	7	1500	StCa	9	-	9	4	
Pembroke (St. Ann's H.)	1012.2	+4	E	5	c	40	85	6	1500	StCa	6	ASt	8	0	1015.2	+3	ENE	3	bc	37	92	5	1500	Ca	5	-	5	2	
Ross-on-Wye	1014.3	+1	E	2	b	35	75	6	-	0	-	0	2	1017.3	+3	-	0	Fb+	30	92	2	-	0	-	0	0			
Leafield	1014.2	+3	N	2	b	31	92	6	1500	Ca	1	ASt	1	3	1018.7	+3	N	1	b	28	92	5	-	0	-	0	0		
Winchester (Worthy Dn.)	1013.5	+1	N	2	b	35	92	6	-	-	0	ASt	1	2	1018.2	+3	N	3	Fb+	38	97	3	-	0	-	0	0		
S. Farnborough	1014.0	+1	WSW	1	FEb	30	97	1	450	St	10	-	10	3	1018.3	+4	N	1	fc	30	97	3	450	St	9	-	9	0	
London (Kew Obsy.)	1013.8	0	NE	2	bc/f	35	85	5	-	-	0	ASt	4	6	1018.5	+3	N	2	b	31	97	5	-	0	-	0	0		
Croydon	1013.6	+1	0	0	Fb	31	97	2	-	-	0	-	3	1018.2	+4	NW/N	1	Fb	30	97	2	450	St	10	-	10	0		
Shoeburyness	1013.7	+1	NNE	3	b	37	92	8	-	-	0	ASt	1	0	1016.0	+3	NW	1	Fb	30	97	4	-	0	-	0	0		
Olacton-on-Sea	1013.5	+1	NNW	3	bc	35	85	8	4000	StCa	5	-	5	7	1015.0	+2	NNW	3	b	33	85	6	4000	Ca	2	-	2	1	
Felixstowe	1013.5	+1	NNW	3	bc	35	85	8	4000	StCa	5	-	5	7	1015.3	+3	NNW	2	b	30	92	6	-	0	-	0	0		
Lympne	1012.5	+2	NW	4	bc	34	85	6	800	Ca	6	-	6	2	1014.4	+4	NW	4	b/p	31	92	7	4000	CaNb	2	-	2	0	
Scilly (St. Mary's)	1009.5	+2	E/N	6	or	40	97	6	4000	Nb	10	-	10	0	1013.5	+4	E	4	c	42	75	8	4000	StCa	8	-	8	5	
Falmouth (Pendennis)	1010.0	+2	ESE	5	c	43	85	8	4000	StCa	4	ASt	8	0	1014.5	+5	ESE	5	bc	42	75	8	4000	CaNb	4	-	4	4	
Plymouth (Cattewater)	1010.8	0	SE	5	c	42	75	7	2500	Nb	9	Ci	9	2	1014.8	+5	NE	4	bc	39	85	7	2500	StCa	4	-	4	0	
Portland Bill	1011.3	+1	ENE	4	c	41	65	6	2500	StCa	9	-	9	0	1014.1	+3	NE	4	b	37	65	6	2500	StCa	2	-	2	4	
Southampton (Calshot)	1013.2	0	NNE	2	bc	37	75	6	4000	StCa	4	-	4	0	1016.2	+4	NNE	2	b	33	85	6	4000	StCa	1	-	1	0	
Dungeness	1012.8	+1	NNW	2	bc+	37	92	8	2500	CaNb	3	ASt	4	0	1014.3	+3	N	3	bc	31	92	8	2500	Ca	3	-	3	2	
Wormsey (Fort George)	1011.0	-1	ESE	3	bc	37	65	8	-	-	0	ASt	5	0	1014.4	+5	ESE	4	b	38	75	9	-	0	-	0	6		
LONDON OBSERVATIONS.																													
Day 7h-18h, Kew & Croydon.	Height above M.S.L. in feet.	WEATHER.		TEMPERATURE.			RAIN-FALL.		SUN-SHINE.		HUMIDITY.		ATMOSPHERIC POLLUTION.				POLE STAR RECORD at Greenwich Obsy.				CODE FOR STATE OF GROUND.								
9h-18h, Kensington.		Morning.	Afternoon.	Night.	Max. Day.	Min. Night.	Min. on Grass.	mm.	h.	h.	15h.	2h.	Milligrams of Solid Impurity per cubic metre.				Exposure from				0=Dry ground.								
9h-21h, other stations.		24 HOURS ENDED 24.			°F.	°F.	°F.	Day.	Night.	h.	%	%	24 HR. ended 7h. G.M.T. 15h.				to 15h. 17h. 00m.				1=Wet ground.								
Kew	18	b, f	b, c, m, f	b, c, f	36	25	16	-	-	2-7	-	-	South Kensington				14h. 17h. 00m.				2=Soft (muddy) wet ground.								
Croydon	244	b, c, f	b, c, f, m, f	b, c, f	33	23	14	-	-	0-0	-	-	Max. Time. Min. Time.				to 15h. 17h. 45m.				3=Bare ground frozen (but less than 2 ins. deep).								
Greenwich (Royal Obsy.)	149	b, c, f	b, c, f, m, f	b, c, f	35	24	17	-	-	0-1	93	52	defective								4=Bare ground frozen (but more than 2 ins. deep).								
City (Bunhill Row)	80							-	-	1-4											5=Dew (or wet grass but not wet ground).								
Westminster (St. James' Pk.)	27				36	26	13	-	-	0-4											6=Skating to-day in 15h. and 18h. reports (Hear frost in 1h. and 7h. reports).								
Regent's Pk. (Botanic Gdns.)	188							-	-	2-0			Kew Observatory								7=Snow (thin layer, often not continuous).								
Camden Square	110	b, c, b	b, c, b		35	25		-	-			34	Max. Time. Min. Time.				Polaris				8=Snow (deep, impeding traffic, usually a continuous layer).								
Kennington Palace	80				35	26	17	-	-			100	0.7 12 14 0.2 4 15				3 Uranus				9=Glazed roads (ice on roads from frozen rain or melted snow).								
Rampstead Observatory	450				33	22	14	-	-	4-7		100					Minoris												
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.																													
15th and 16th Dec., 1913.																													
STATIONS.	Sunrise.	Noon.	Sunset.																										
	G.M.T.	G.M.T.	G.M.T.																										
Yarmouth	8-1	11-48	15-36																										
	8-1	11-49	15-36																										
Greenwich	8-2	11-55	15-43																										
	8-2	11-56	15-43																										
Wick	8-0	12-7	15-16																										
	8-0	12-8	15-16																										
Valentia	8-45	12-36	16-27																										
	8-46	12-37	16-27																										
BEAUFORT NOTATION OF WEATHER.																													
b blue sky (not more than a quarter covered with cloud).																													
bc sky partly cloudy (one half covered).																													
c generally cloudy																													
d drizzle. e wet air. f gloomy.																													
f fog, visibility 200-1000 m.																													
F thick fog. " less than 200 m.																													
m mist. " 1000-12000 m.																													
h hail. i intermittent.																													
p precipitation within sight of station.																													
EQ line squall. l lightning.																													
o overcast sky. p passing showers.																													
q squally. r rain. s snow.																													
rs sleet. t thunder.																													
u ugly, threatening sky.																													
v unusual visibility. w dew.																													
x hoar frost. y dry air.																													
z dust haze; the turbid atmosphere of dry weather.																													
h(r)="hail" or "rain and hail."																													
Capital letters indicate intensity.																													
suffix o indicates slight; repetition of letters indicates continuity.																													
R = heavy rain. r = slight rain.																													
rr = continuous rain.																													
SYMBOLS.																													
< = (less than (for cloud height).																													
Θ = solar halo. ☉ = lunar halo.																													
With present weather is combined, whenever possible, the general character of the weather.																													
A "solidus" divides actual existing weather from preceding conditions, thus: - inc = fair weather after rain; - = has decreased; + = has increased.																													
The BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.																													
SEA DISTURBANCE.																													
0=no swell } Calm or slight sea.																													
1=mod. swell } slight sea.																													
2=heavy swell } Moderate sea.																													
3=no swell } Moderate sea.																													
4=mod. swell } Moderate sea.																													
5=heavy swell } Moderate sea.																													
6=rather rough sea.																													
7=rough sea.																													
8=very rough sea.																													
9=mountainous sea.																													
Beaufort No. Statute miles per hour.																													
0 Less than 1																													
1 1-3																													
2 4-7																													
3 8-12																													
4 13-18																													
5 19-24																													
6 25-31																													
7 32-38																													
8 39-46																													
9 47-54																													
10 55-63																													
11 64-75																													
12 Above 75																													
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.																													
0. Dense fog. 230 "																													
1. Thick fog. 550 "																													
2. Fog. 1,100 "																													
3. Moderate fog. 1,100 "																													

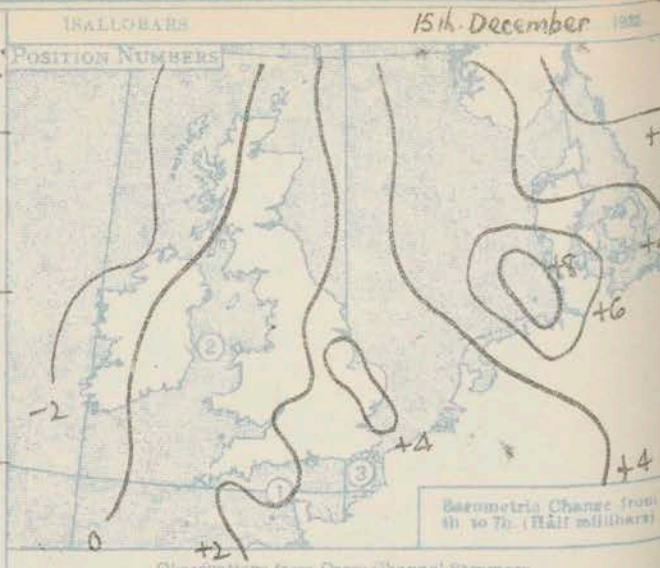
[†] Traces = rain has fallen, but amount less than 0.1 mm.

* Information for these columns not usually received.

† The barometric change is expressed in half millibars.

SUMMARY FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				Bar. H.
	7h-12h 14h	12h-15h 14h	15h-18h 14h	18h-7h 15h	MAX. Day	MIN. Night	MIN. on Glass	Day 7h-12h	Night 12h-7h	Day 12h-7h	Hours.	
Lerwick ...	bcpr	cpr,m	cpr	cpr	40	37	.	2 11.00	2	42.00	0.4	
Sternoway ...	b-be	b-be	b-be	b-be	41	28	.	-	-	-	3.7	
Wick ...	cpr	cpr	b-be	b-be	42	36	.	2 9.00	-	-	2.9	
Tiree ...	cbe	bcc	bcc	bcc	40	36	33	-	-	-	0.0	
Nairn ...	bc	bex	bex	b	35	24	.	-	-	-	0.0	
Aberdeen ...	circa	c	bcc	epshz	39	31	25	0.6 8.00	0.2	4.30	0.5	
Malin Head ...	cbeb	c	bex	bex	41	34	.	-	-	-	4.7	
Renfrew ...	oxbfbm	bcbmx	bmx	bmx	38	21	15	-	-	-	0.0	
Edinburgh (Inchkeith) ...	bex	cbe	bex	bex	39	32	25	0.4 9.00	0.5	42.00	0.3	
Loughs ...	bex	cbe	bex	bex	38	31	27	0.3 11.00	0.3	42.00	0.0	
Wick ...	bex	bex	bex	bex	37	23	19	1.4 3.00	-	-	3.3	
Tynemouth ...	bex	bex	bex	bex	40	31	26	1 9.00	5	42.00	.	
Blackad Point ...	c	p,qc	cq	bex	43	40	.	Tr.	0.1	.	.	
Donaghadee ...	cbe	cbe	cbe	cbe	42	39	.	-	-	-	0.0	
Elr Castle ...	oid.	oid.	c	c	41	37	31	0.3 8.00	-	-	0.0	
Holyhead ...	b	b	bmx	bmx	42	31	24	-	-	-	6.6	
Liverpool (Bidston) ...	bmx	bmx	bex	bex	36	25	22	-	-	-	0.2	
Chesley (Sealand) ...	bex	bex	bex	bex	41	18	12	-	-	-	1.4	
Harrogate ...	bex	bex	bex	bex	35	27	20	Tr.	12.30	Tr.	2.7	
Spurn Head ...	bex	bex	bex	bex	40	35	.	0.4 9.00	0.4	42.00	3.4	
Birmingham (Edgbaston) ...	bex	bex	bex	bex	34	21	15	-	-	-	0.0	
Oranville ...	bex	bex	bex	bex	37	25	21	Tr.	8.00	-	4.0	
Gorleston ...	bex	bex	bex	bex	40	32	29	1 9.00	0.2	42.00	3.8	
Valentia (Cahirciveen) ...	cpr	cpr	oc	cpr	48	44	43	2 8.00	5	3.30	0.0	
Roche Point ...	cpr	cpr	cpr	cpr	46	45	.	7 8.00	0.1	3.30	0.0	
Pembroke (St. Ann's H.) ...	bex	bex	bex	bex	41	34	.	-	-	-	0.6	
Ross-on-Wye ...	b	bex	bex	bex	37	27	19	-	-	-	6.7	
Leamfield ...	bex	bex	bex	bex	33	23	18	0.2	-	-	4.6	
Winchester (Worthy De) ...	bex	bex	bex	bex	36	19	12	Tr.	-	-	3.8	
S. Farnborough ...	bex	bex	bex	bex	31	22	19	-	-	Tr.	0.0	
London (Kew Obs.) ...	bex	bex	bex	bex	36	25	16	-	-	Tr.	2.7	
Oxford ...	bex	bex	bex	bex	33	23	14	-	-	-	0.0	
Shoeburyness ...	bex	bex	bex	bex	37	27	25	-	-	-	5.6	
Clacton-on-Sea ...	bex	bex	bex	bex	37	29	26	-	-	-	5.0	
Felixstowe ...	bex	bex	bex	bex	36	29	25	-	-	-	5.1	
Lymington ...	bex	bex	bex	bex	36	26	21	0.4 8.00	Tr.	42.00	4.8	
Scilly (St. Mary's) ...	orr	orr	bex	bex	44	41	.	2 8.00	-	-	0.0	
Falmouth (Pendennis) ...	cq	cq	bex	bex	45	41	.	-	-	-	0.0	
Plymouth (Castelwater) ...	c	cbe	bex	bex	43	35	29	-	-	-	0.0	
Portland Bill ...	c	cbe	bex	bex	43	32	.	-	-	-	.	
Southampton (Calshot) ...	bex	bex	bex	bex	39	25	21	-	-	-	4.9	
Dungeness ...	bex	bex	bex	bex	41	24	.	Tr.	8.00	-	.	
Guernsey ...	bex	bex	bex	bex	38	38	.	-	-	-	4.4	

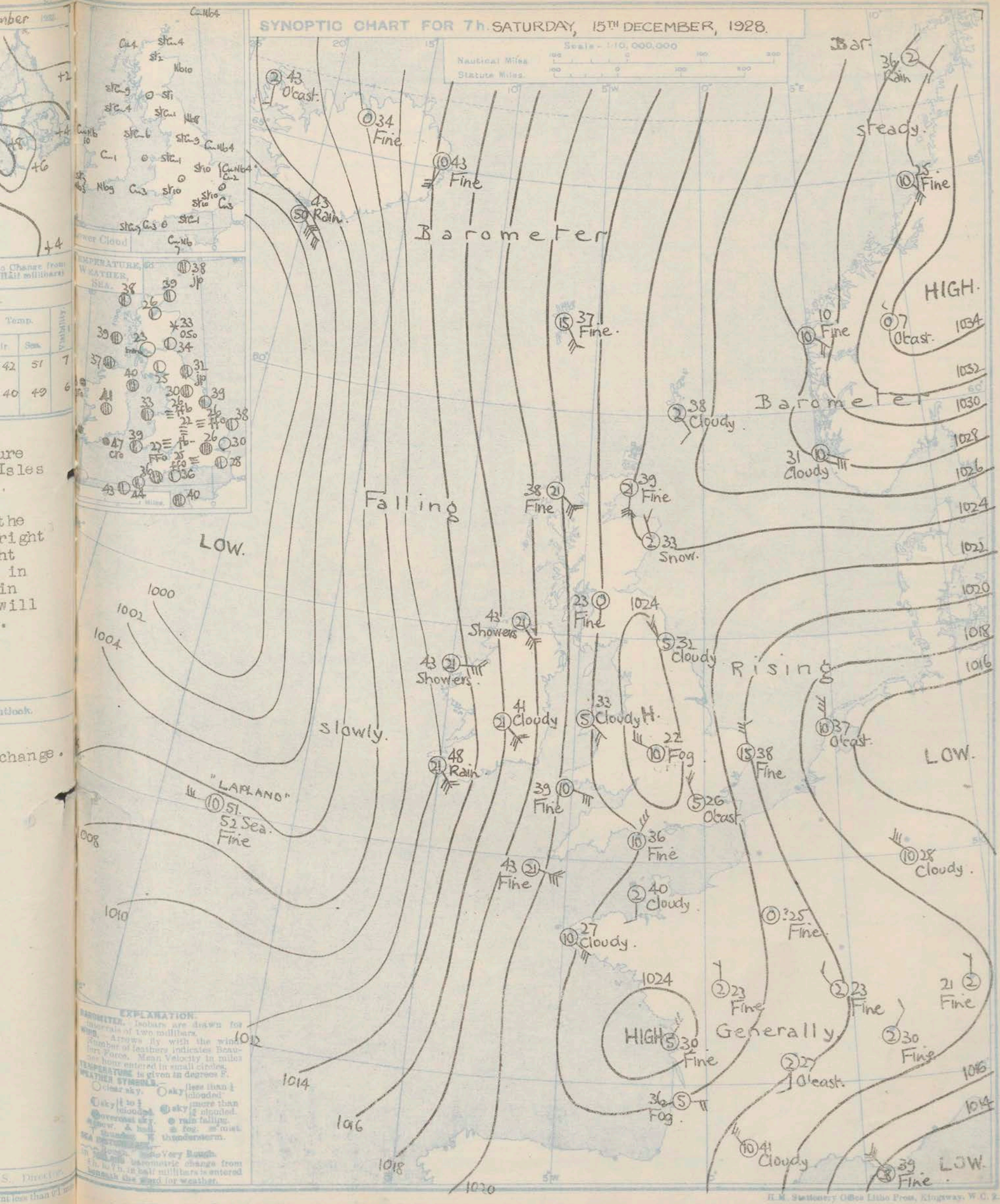


Position.	Date and Time.	Steamship.	Wind.		Weather.	Temp.		Visibility.
			Dir.	Force.		Air.	Sea.	
2	14 th 10 ^h	Hibernia	SE'S	6	c	42	51	7
3	15 th 2 ^h	Diappe	NNE	4	bc	40	49	6

GENERAL INFERENCE.

A ridge of high pressure extends over the British Isles from an anticyclone over Scandinavia while shallow depressions are skirting the western seaboard. Cold bright weather with frost at night and fog inland will occur in most parts of Great Britain but over Ireland weather will be milder and more cloudy.

Districts.	Forecast for the 24 hours commencing 12 Noon G.M.T. 15th December, 1928.	Further Outlook.
1. S.E. England	Light variable or northerly winds; mainly bright, local wintry showers in coastal districts; mist or fog inland at night, persisting locally during the day; cold with sharp frost at night.	Little change.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Moderate southeast to east wind; fair, local mist or fog inland at night; cold with frost at night, sharp locally.	
6. South Wales		
7. North Wales		
8. N.W. England	Light variable or southerly winds; fair; mist or fog inland at night, persisting locally during the day; cold with sharp frost at night.	
9. N. Midlands		
10. N.E. England		
11. S.E. Scotland	As 1 - 4.	
12. S.W. Scotland & Isle of Man	As 8 - 9.	
13. N.W. Scotland	Fresh south to southeast winds; fair, occasional rain later; moderate temperature.	
14. N.E. Scotland	As 1 - 4.	
15. Orkneys and Shetlands	As 1 - 4.	
16. N.W. Ireland	Fresh to strong south to southeast winds; occasional rain, fair intervals; moderate temperature.	
17. N.E. Ireland		
18. S.E. Ireland		
19. S.W. Ireland		



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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION *Saturday 15th December* 1928.

No. 350.

STATIONS.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 15th.												Observations at 7h. G.M.T. 15th.												Sea.				
		Barom. at M.S.L. mb.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 1/4.	Cloud.			Barom. at M.S.L. mb.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %.	Visibility. 1/4.	Cloud.									
				Direc.	Force.					Height.	Form.	Amt.			Direc.	Force.					Height.	Form.	Amt.							
																								0-12	0-10		0-10	0-12	0-10	0-10
Lerwick	54	1021.7	+1	S	1	c/p	40	75	8	1500	CuNb	4	Alcu	9	1024.4	+2	SE	1	c/p	38	75	8	1500	CuNb	4	ast	8	+		
Stornoway	70	1020.8	+1	SSE	4	b	40	75	8	1500	CuNb	4	ast	0	1019.1	-1	SE	5	bc	38	65	7	4000	Cu	4	-	4	+		
Wick	81	1022.9	+3	S	4	bc	39	65	8	1500	CuNb	4	ast	6	1023.0	0	S	5	bc	39	55	8	2500	StCu	4	ci	7	6		
Tiree	22	1022.9	+3	S	4	bc	39	65	8	1500	CuNb	4	ast	6	1018.0	-1	SSE	6	c	39	75	8	2500	StCu	9	-	9	6		
Nairn	82	1022.2	0	-	0	b	26	75	8	1500	St	2	-	2	1022.2	0	-	0	b	26	75	8	1500	St	2	-	2	+		
Aberdeen	97	1024.0	0	NW	1	oso	33	85	6	2500	Nb	10	-	10	1024.0	0	NW	1	oso	33	85	6	2500	Nb	10	-	10	1		
Malin Head	51	1019.3	+1	SE	1	b	35	92	7	5700	StCu	1	-	1	1017.1	-2	SSE	5	c	37	92	6	5700	StCu	4	ast	10	1		
Kenfrew	86	1022.1	+3	E	1	bc	35	85	8	1500	St	2	Alcu	4	1023.3	0	-	0	mmb	23	97	4	-	-	0	-	0	+		
Edinburgh (Inchkeith)	100	1022.1	+3	E	1	bc	35	85	8	1500	St	2	Alcu	4	1023.2	+1	ESE	2	b	34	85	8	1500	St	1	-	1	0		
Leuchars	30	1022.1	+3	E	1	bc	35	85	8	1500	St	2	Alcu	4	1023.9	+1	-	0	c	31	97	7	2500	StCu	8	-	8	+		
Eskdalemuir	794	1022.1	+3	E	1	bc	35	85	8	1500	St	2	Alcu	4	1024.0	0	-	0	b	25	97	8	4000	StCu	1	-	1	+		
Tynemouth	87	1021.6	+2	NW	2	bc	33	92	6	1500	CuNb	6	-	6	1023.4	+1	NW	2	c/p	32	97	6	1500	Nb	8	-	8	2		
Blackad Point	18	1018.8	0	SE	6	c	41	75	6	-	0	ast	10	1018.3	0	ESE	5	c/p	43	85	6	-	CuNb	10	-	10	7			
Donaghadee	40	1018.8	0	SE	6	c	41	75	6	-	0	ast	10	1020.6	0	SSE	4	c	40	65	7	4000	StCu	6	ast	8	4			
Birr Castle	173	1018.8	0	SE	6	c	41	75	6	-	0	ast	10	1018.8	0	SE	5	c	41	85	7	1500	Cu	1	ast	10	+			
Holyhead	26	1021.4	+4	SSE	1	b	32	92	6	-	0	-	0	1022.2	+1	SE	2	c	33	85	9	-	-	0	ci	9	0			
Liverpool (Bidston)	188	1021.4	+4	SSE	1	b	32	92	6	-	0	-	0	1024.5	+1	SSE	3	ff	26	97	3	4000	StCu	1	-	1	+			
Chester (Sealand)	16	1021.4	+4	SSE	1	b	32	92	6	-	0	-	0	1023.2	+2	SE	2	mmb	20	92	4	-	-	0	-	0	+			
Harrogate	478	1019.3	+1	N	3	bc	36	85	7	4000	CuNb	5	-	5	1024.1	+2	-	0	c	30	92	5	4000	StCu	9	-	9	+		
Spurn Head	29	1019.3	+1	N	3	bc	36	85	7	4000	CuNb	5	-	5	1021.7	+2	N	3	bc	39	75	7	4000	CuNb	4	-	4	+		
Birmingham (Edgbaston)	585	1020.8	+4	NW	3	b	27	97	6	-	0	Alcu	1	1024.5	+1	N	1	fb	22	92	1	-	-	0	-	0	+			
Cranwell	236	1020.8	+4	NW	3	b	27	97	6	-	0	Alcu	1	1023.4	+4	WNW	3	ff	26	97	2	1500	St	10	-	10	+			
Gorleston	14	1017.1	+2	NW	3	b	36	92	7	5700	Cu	2	-	2	1019.7	+3	NW	4	bc	38	85	7	2500	CuNb	6	-	6	1		
Valentia (Cahirciveen)	30	1018.5	0	SE	4	c/p	46	97	8	-	St	10	-	10	1011.9	-1	SSE	5	or	48	92	7	1500	St	10	-	10	4		
Roche Point	22	1018.5	0	SE	4	c/p	46	97	8	-	St	10	-	10	1016.2	0	S	7	cr	47	85	7	1500	Nb	9	-	9	6		
Pembroke (St. Ann's H.)	159	1019.8	+3	SSE	1	b	35	97	5	-	0	-	0	1020.5	+1	SE	3	bc	39	92	5	2500	Cu	3	-	3	2			
Ross-on-Wye	223	1018.8	+3	SSE	1	b	35	97	5	-	0	-	0	1023.8	+2	N	1	ff	27	97	1	220	St	10	-	10	+			
Leafeld	612	1018.8	+3	SSE	1	b	35	97	5	-	0	-	0	1023.3	+2	NNW	3	FF	26	97	1	150	St	10	-	10	+			
Winchester (Wortley D.)	372	1019.7	+3	-	0	FF	25	97	1	-	-	0	-	0	1023.3	+2	NW	1	b	21	97	6	-	-	0	ci	1	+		
S. Farnborough	257	1019.7	+3	-	0	FF	25	97	1	-	-	0	-	0	1023.3	+2	NW	2	ff	25	92	3	480	St	10	-	10	+		
London (Kew Obs.)	18	1019.7	+3	-	0	FF	25	97	1	-	-	0	-	0	1023.5	+3	WSW	1	0	26	92	5	1500	St	10	-	10	+		
Croydon	244	1019.7	+3	-	0	FF	25	97	1	-	-	0	-	0	1022.8	+3	WNW	2	bc	24	97	5	800	St	6	-	6	+		
Shoeburyness	11	1017.8	+3	NW	3	b	27	92	5	-	0	-	0	1021.8	+2	NW	2	b	27	85	6	-	-	0	-	0	+			
Olacton-on-Sea	54	1017.8	+3	NW	3	b	27	92	5	-	0	-	0	1020.4	+2	NNW	3	b	30	85	6	-	-	0	-	0	1			
Felixstowe	15	1017.8	+3	NW	3	b	27	92	5	-	0	-	0	1020.7	+5	NW	3	b	31	97	5	-	-	0	Alcu	1	5			
Lympne	300	1017.8	+3	NW	3	b	27	92	5	-	0	-	0	1020.5	+2	NW	4	b	28	92	5	-	-	0	ci	2	+			
Scilly (St. Mary's)	163	1017.7	+1	ESE	5	bc	43	65	8	4000	CuNb	7	-	7	1018.6	0	ESE	5	bc	43	75	8	4000	StCu	7	-	7	5		
Falmouth (Pendennis)	200	1018.7	+2	E'S	5	bc	41	92	8	4000	Cu	5	Alcu	6	1019.9	+2	SE	4	bc	44	75	8	4000	Cu	3	ci	7	1		
Plymouth (Cattewater)	58	1018.7	+2	E'S	5	bc	41	92	8	4000	Cu	5	Alcu	6	1021.9	+1	E	2	c	36	85	7	-	-	0	ast	9	1		
Portland Bill	33	1019.8	+4	ENE	3	b	33	85	6	-	0	-	0	1021.8	+1	NE	3	b	36	75	8	2500	StCu	1	-	1	1			
Southampton (Calshot)	10	1020.4	+2	NW	3	bc	30	92	6	800	St	7	-	7	1023.4	+3	NNW	3	b	25	92	6	800	St	1	-	1	0		
Dungeness	20	1017.9	+3	NW	1	mmb	27	92	4	-	0	-	0	1020.4	+3	NNW	3	fb	28	97	4	2500	Cu	3	Alcu	5	2			
Guernsey (Fort George)	295	1019.6	+4	SE	1	c	39	75	8	4000	StCu	10	-	10	1022.6	+3	S	1	c	40	75	7	1500	CuNb	7	ast	8	0		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 14th December.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUN- SHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Fore- noon.	After- noon.	Min.	Max.	Night	Day	Sunrise								
			9h-12h.	12h-17h.	17h-9h.	9h-17h.	to Sunset.								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)								
Berwick-on-Tweed	bc	phbc	35	45	mm.	mm.	0.8	Bade	...	cbc	bec	36	38	-	1.0
Douglas (I.o.M.) ...	bc	ebcc	38	40	-	-	3.8	Penzance	...	orc	cp	38	44	2	0.0
Llandudno ...	b	bbc	31	40	-	-	5.9	Paignton	...	o	ocp	40	43	4	0.1
Golwyn Bay ...	b	bbc	30	33	-	-	5	Torquay	...	rpo	obc	41	43	3	0.0
Rhyl ...	xbc	bc	29	41	-	-	5.2	Jersey	...	bc	bc	34	38	-	4.2
Wallasey ...	aff	bc	32	37	-	-	0.0	Weymouth	...	c	cb	35	38	-	0.2
Southport ...	xbbc	bc	28	35	-	-	3.8	Bournemouth	...	bo	ob	32	36	0.3	2.1
Blackpool ...	bc	bc	30	38	-	-	4.5	Venitor	...	qwb	cb	37	39	-	2.2
Widley ...	bc	bc	26	39	-	-	2.3	Pertmouth (St. Peter's)	...	bm	bn	31	37	-	1.1
Olethorpes ...	osol	oso	33	39	0.1	0.2	2.7	Bognor	...	cbcb	b	31	38	-	2.1
Skogness ...	cbcb	ccc	32	39	1	0.6	3.9	Littlehampton	...	cbc	bc	31	37	-	4.7
Aberystwyth ...	cbc	bc	33	40	-	-	7.0	Worthing	...	cbc	ccc	31	38	-	3.9
Bath ...	bec	bc	28	32	-	-	1.6	Brighton	...	bcc	co	31	38	-	3.6
Cheitenham ...	bx	bmt	29	40	-	-	3.8	Eastbourne	...	cbcb	bc	31	38	Trace	4.0
Leamington Spa ...	eb	cbm	24	35	-	-	1.2	Hastings	...	ocbc	bc	31	38	0.2	2.5
Lowestoft ...	b	bcsc	30	38	0.5	0.7	4.2	Folkestone	...	cgis	chos	33	38	0.1	Trace
Harwich & Dovercourt	xbx	xbx	29	38	-	-	4.5	Dover	...	mbc	bc	33	37	0.2	3.5
Malden ...	bc	bc	28	38	-	-	4.5	Tunbridge Wells	...	ocbc	bc	30	35	1	1.8
Southend ...	b	bc	30	38	0.4	-	4.8	Ramsgate	...	cb	prbc	32	38	1	1.6
								Margate	...	bc	chbc	32	39	1	12.5
								Deal	...	sobc	cpso	32	37	1	3.1



Reinfall	
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Day	Night
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No. B24496

Sunday, 16th December 1928

Page 1.

Observations at 13h. G.M.T. 15. 5h.

Observations at 18 h. G.M.T. 15th.

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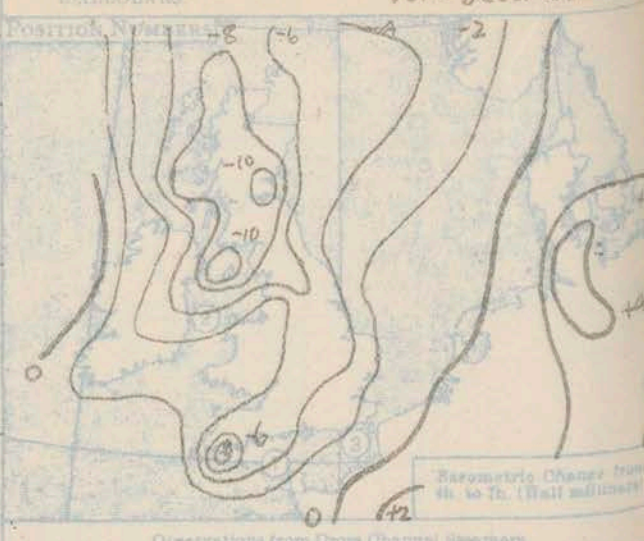
SUMMARIES FOR THE PAST 24 HOURS

SUN

ISALOBARS

16th December 1928

STATIONS	WEATHER				TEMPERATURE			RAINFALL				SUN 15th Hours
	7h-15h 15th	15h-18h 15th	18h-19h 15th	19h-7h 16th	MAX. Day Th-15h	MIN. Night 15h-7h	MIN. on Th-15h	Day 7h-18h	Night 18h-7h	mm.	begin	
Lerwick	c	cpr	cpr	cpr	41	39	0.2	15.30	2	21.00	0.0	
Stornoway	c	c	c	c	42	37	0.1	10.00	10	21.00	0.0	
Wick	cpr	c	c	crr	41	39	0.1	11.00	0.1	5.30	0.0	
Thurso	c	opr	opr	opr	42	36	35	14.30	14	21.00	0.0	
Nairn	bbc	bc	bc	gc	36	35	0.1	0.00	0.1	0.0	0.1	
Aberdeen	cpr	c	c	c	41	37	35	0.00	0.4	4.30	0.3	
Malin Head	c	c	c	c	41	41	0.1	0.00	4	22.00	0.0	
Benbow	bm	bm	bm	bm	35	32	31	0.00	5	1.30	0.0	
Edinburgh (Leith)	bbc	cm	cm	cm	37	33	32	0.00	4	3.30	0.2	
Leuchars	bbc	cm	cm	cm	34	34	30	0.00	5	3.30	0.0	
Blackhead	bc	bc	bc	bc	32	31	30	0.00	6	1.30	0.0	
Tynemouth	bc	bc	bc	bc	35	34	26	0.00	2	3.30	0.0	
Blackhead Point	c	c	c	c	48	45	0.1	0.00	13	0.00	0.0	
Donaghadee	c	c	c	c	43	40	0.1	0.00	16	21.00	0.0	
Birr Castle	c	c	c	c	44	43	41	9.00	30	21.00	0.0	
Holyhead	c	c	c	c	41	39	36	0.00	7	21.00	0.0	
Liverpool (Bidston)	bc	cm	cm	cm	31	31	30	0.00	8	2.30	0.0	
Chester (Sealand)	bc	cm	cm	cm	30	30	28	0.00	1	2.30	0.0	
Harrogate	bc	bc	bc	bc	35	31	25	0.00	6	1.30	1.1	
Spurn Head	bc	bc	bc	bc	42	35	0.2	15.30	0.0	0.0	1.3	
Birmingham (Edgbaston)	FF	FF	FF	FF	32	29	27	0.00	0.0	0.0	0.0	
Oswestry	bc	bc	bc	bc	32	29	25	0.00	0.0	0.0	0.0	
Gorleston	bc	bc	bc	bc	44	40	37	0.1	12.30	0.2	21.00	2.2
Valentia (Cahirciveen)	c	c	c	c	52	51	50	4.00	22	21.00	0.0	
Roche Point	c	c	c	c	49	47	0.1	48.00	13	21.00	0.0	
Pembroke (St. Ann's H.)	bc	bc	bc	bc	45	41	0.1	0.00	11	21.00	0.0	
Roseau-Wye	bc	bc	bc	bc	29	28	27	0.00	0.0	0.0	0.0	
Leafield	bc	bc	bc	bc	28	25	24	0.1	0.0	0.0	0.0	
Winchester (Worthy De)	bc	bc	bc	bc	28	25	19	0.00	0.0	0.0	0.0	
S. Farnborough	bc	bc	bc	bc	29	27	27	0.00	0.0	0.0	0.0	
London (Kew Obs.)	bc	bc	bc	bc	32	30	29	0.00	0.0	0.0	0.0	
Oxford	bc	bc	bc	bc	30	28	25	0.00	0.0	0.0	0.0	
Shoeburyness	bc	bc	bc	bc	37	26	24	0.00	0.0	0.0	3.4	
Orford-on-Sea	bc	bc	bc	bc	39	31	28	0.00	0.0	0.0	4.6	
Felixstowe	bc	bc	bc	bc	40	33	30	0.00	0.2	22.00	5.3	
Lymington	bc	bc	bc	bc	35	29	26	0.00	0.0	0.0	4.1	
Scilly (St. Mary's)	bc	bc	bc	bc	46	46	0.2	48.00	3	21.00	0.0	
Falmouth (Pendennis)	bc	bc	bc	bc	45	42	0.1	15.30	8	21.00	0.0	
Plymouth (Cattewater)	bc	bc	bc	bc	45	40	37	17.30	10	21.00	0.0	
Portland Bill	bc	bc	bc	bc	43	42	0.0	0.00	0.0	0.0	0.0	
Southampton (Calshot)	bc	bc	bc	bc	31	31	24	0.00	0.0	0.0	1.4	
Dungeness	bc	bc	bc	bc	35	27	0.0	0.00	0.0	0.0	0.0	
Guernsey	c	c	c	c	42	39	0.0	0.00	0.0	0.0	0.0	



Observations from Cross Channel Steamers

Position	Date and Time	Steamship	Wind		Weather	Temp	
			Dir.	Force		Air	Sea
2	15th 10h	Hibernia	SE	1	c	42	45
1	15th 12h	St. Helier	SE	2	bc	41	52
3	16th 0h	Arundel	S	2	bc	38	49

GENERAL INFERENCE.

A depression is centred off the Hebrides and another off Southwest Ireland while pressure continues high to the east of our islands. Winds will be mainly southerly, strong to gale locally, some rain will occur in western districts, and sleet changing to rain in the North, later occasional precipitation will extend to eastern districts. Temperature will be higher than of late generally.

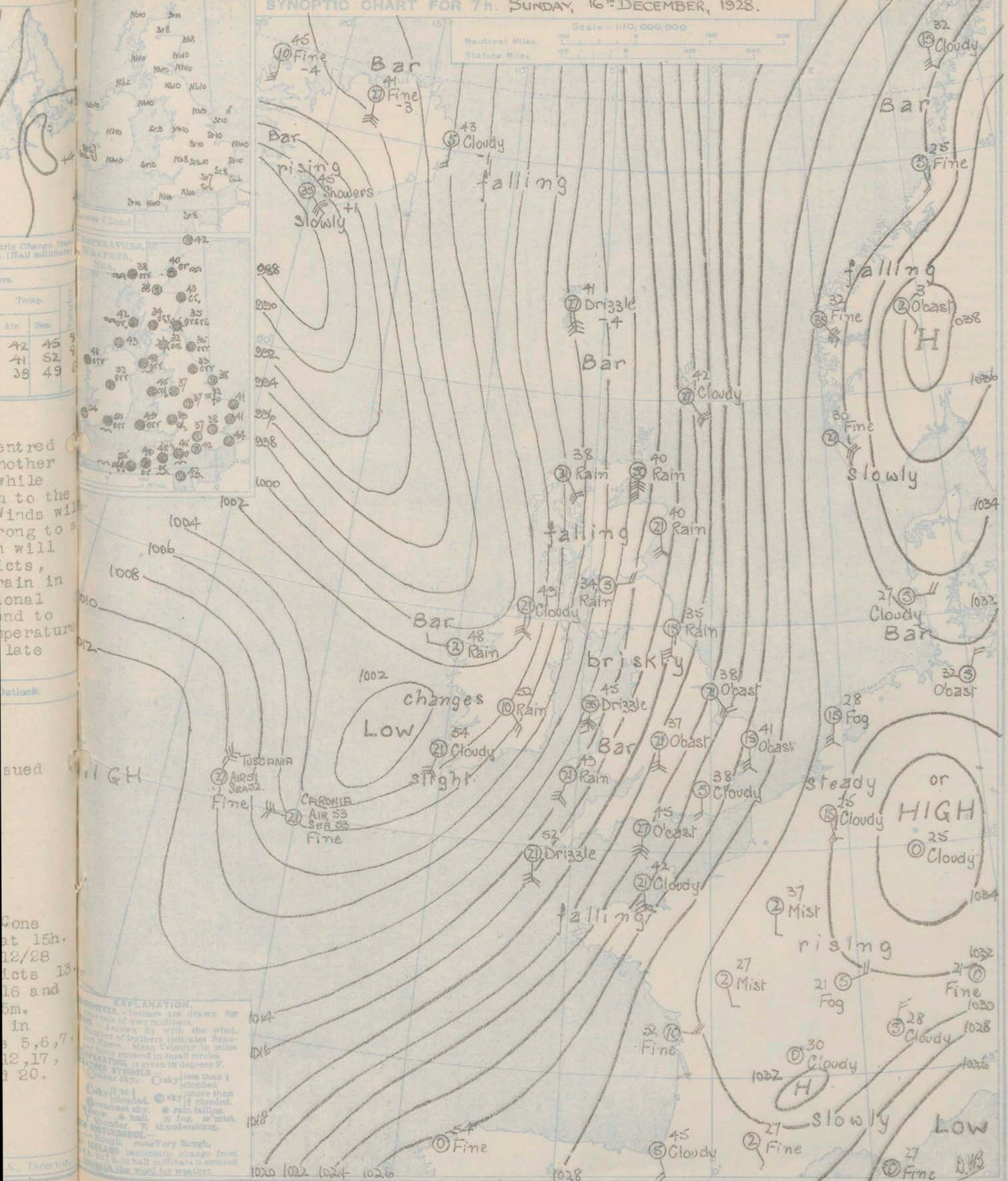
Districts

Forecasts for the 24 hours commencing 12 Noon G.M.T. Sunday, 16th December, 1928.

Further Outlook.

1. S.E. England	Southerly winds, moderate to fresh, strong locally on coasts, mainly dull, some light rain or drizzle rather cold to moderate temperature.	None issued
2. E. England		
3. E. Midlands		
4. W. Midlands	Southerly winds veering temporarily, fresh to strong, gale locally on coasts, moderating later, dull to cloudy, occasional rain, rather mild.	
5. S.W. England		
6. South Wales		
7. North Wales	Wind between southeast and southwest fresh to strong reaching gale force locally on coasts, moderating later mainly dull, some rain, sleet locally at first, temperature rising.	
8. N.W. England		
9. N. Midlands		
10. N.E. England	Wind South to southeast strong to gale, dull, some sleet or rain; rising temperature.	
11. S.E. Scotland		
12. S.W. Scotland		
13. A.W. Scotland	Strong southerly wind, veering west temporarily and moderating, cloudy, some rain; fairer periods, rain probable again tomorrow; mild to moderate temperature.	
14. N.W. Scotland		
15. Mid-Scotland		
16. N.E. Scotland	Wind South to southeast strong to gale, dull, some sleet or rain; rising temperature.	
17. Orkneys and Shetlands		
18. N.W. Ireland		
19. N.E. Ireland	Strong southerly wind, veering west temporarily and moderating, cloudy, some rain; fairer periods, rain probable again tomorrow; mild to moderate temperature.	
20. S.W. Ireland		

South Cone hoisted at 15h. 15m. 15/12/28 in districts 15, 16, and 17 and at 18h. 55m. 15/12/28 in districts 5, 6, 7, 8, 10, 11, 12, 17, 18, 19 and 20.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION... Sunday 16th December... 1928.

No. 257.

STATIONS.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 16 th Dec.											Observations at 7h. G.M.T. 16 th Dec.											Sea.						
		Barom. at M.S.L. in in.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility 3 Miles.	Cloud.			Barom. at M.S.L. in in.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility 3 Miles.	Cloud.									
				Dir.	Force.					Height.	Form.	Amt.			Dir.	Force.					Height.	Form.	Amt.							
																									0-10	0-10	0-10	0-10	0-10	0-10
Lerwick	64	1021.8	-1	SE	5	Cp	41	85	8	1500	C.Nb	4	ASr	9	1017.5	-4	SE	6	Cp	42	85	7	1500	C.Nb	5	ASr	10	+		
Stornoway	30	1014.2	-2	S	5	Cp	41	75	6	2500	St	4	Cst	10	1005.4	-8	SE	5	Or	38	97	6	2500	Nb	10	-	10	+		
Wick	81	1018.1	-2	S	7	C	41	75	8	2500	St	4	Cst	8	1012.3	-6	S	9	Or	40	92	8	1500	St	10	-	10	6		
Tirco	32	1018.1	-2	S	7	C	41	75	8	2500	St	4	Cst	8	1001.0	-9	S	7	Or	42	97	7	1500	Nb	10	-	10	6		
Nairn	82	1018.1	-2	S	7	C	41	75	8	2500	St	4	Cst	8	1008.6	-6	S	0	C	38	75	7	1500	St	8	-	8	-		
Aberdeen	37	1018.1	-2	S	7	C	41	75	8	2500	St	4	Cst	8	1015.3	-6	SSE	5	Cb	40	85	6	2500	Nb	8	ASr	10	4		
Malin Head	51	1008.9	-7	SE'S	6	Cp+	41	97	6	5700	Nb	3	ASr	10	1000.7	-3	S	5	C/r	49	97	7	5700	Nb	2	ASr	9	4		
Benfrew	36	1014.2	-2	S	5	Cp	41	75	8	2500	St	4	Cst	8	1010.3	-8	ENE	2	Or	34	97	5	1500	Nb	10	-	10	-		
Edinburgh (Inchkeith)	190	1020.9	-3	SE	2	O	36	75	8	800	St	10	-	10	1012.7	-8	SE	2	Or	35	92	8	800	Nb	10	-	10	1		
Leuchars	30	1018.1	-2	S	7	C	41	75	8	2500	St	4	Cst	8	1013.6	-11	E	4	Or	35	97	6	800	Nb	10	-	10	-		
Exdalemuir	794	1018.1	-2	S	7	C	41	75	8	2500	St	4	Cst	8	1013.3	-9	SSE	4	Or	32	97	6	450	Nb	10	-	10	-		
Tynemouth	97	1027.8	-3	S	2	O/f	36	92	6	800	St	10	-	10	1018.2	-4	S	4	Or	35	97	6	1500	Nb	10	-	10	4		
Blackhead Point	18	1001.2	-7	SE	5	Or	52	97	6	1500	Nb	10	-	10	1001.6	0	W	1	Or	48	92	7	1500	Nb	10	-	10	5		
Donaghadee	40	1018.1	-2	S	7	C	41	75	8	2500	St	4	Cst	8	1007.3	-10	SSE	8	Or	48	37	8	1500	Nb	10	-	10	6		
Birr Castle	173	1018.1	-2	S	7	C	41	75	8	2500	St	4	Cst	8	1004.0	-11	SE	3	Or	52	97	6	800	Nb	10	-	10	-		
Holyhead	20	1016.8	-7	SE'S	6	Or	39	97	6	800	Nb	10	-	10	1011.1	-4	S	7	Cd	45	92	6	2500	St	9	ASr	10	5		
Liverpool (Bidston)	189	1018.1	-2	S	7	C	41	75	8	2500	St	4	Cst	8	1015.5	-2	SSE	5	O	37	92	6	2500	Nb	10	-	10	-		
Chester (Sealand)	16	1018.1	-2	S	7	C	41	75	8	2500	St	4	Cst	8	1015.5	-3	SSE	5	C	37	85	7	800	St	5	ASr	10	-		
Harrogate	478	1018.1	-2	S	7	C	41	75	8	2500	St	4	Cst	8	1017.7	-6	S	4	Or	33	97	5	2500	Nb	9	ASr	10	-		
Spurn Head	39	1025.0	-1	SSE	4	O	40	97	6	2500	St	10	-	10	1022.2	-2	SE'S	5	O	38	92	6	2500	St	10	-	10	4		
Birmingham (Edgbaston)	535	1021.6	0	S'E	3	mm	32	92	4	1500	St	10	-	10	1020.1	-5	S	5	O	37	75	8	1500	St	10	-	10	-		
Cranwell	236	1021.6	0	S'E	3	mm	32	92	4	1500	St	10	-	10	1021.5	-5	SE'S	4	ffo	32	97	3	1500	St	10	-	10	-		
Gorleston	14	1028.2	+2	SSE	4	C+	42	92	7	1500	St	10	-	10	1027.0	-1	S	4	O	41	85	6	2500	Nb	10	-	10	4		
Valentia (Cahirvee)	30	1007.9	-1	S	6	O/r	54	97	7	1500	St	10	-	10	1003.9	-3	SSW	5	C/r	54	92	9	1500	St	8	-	8	4		
Roche's Point	22	1007.9	-1	S	6	O/r	54	97	7	1500	St	10	-	10	1007.7	-3	SW	5	Or	51	97	6	800	Nb	10	-	10	6		
Pembroke (St. Ann's H.)	150	1017.2	-2	S	7	Or	43	97	5	800	St	10	-	10	1013.0	-3	SSW	5	Or	49	97	5	800	St	10	-	10	4		
Ross-on-Wye	228	1017.2	-2	S	7	Or	43	97	5	800	St	10	-	10	1019.3	-4	S	5	Cd	39	85	6	2500	Nb	8	ASr	10	-		
Leafield	612	1017.2	-2	S	7	Or	43	97	5	800	St	10	-	10	1021.9	-4	SSE	4	C	32	97	8	1500	St	10	-	10	-		
Winchester (Worthy Dn.)	273	1017.2	-2	S	7	Or	43	97	5	800	St	10	-	10	1023.9	-3	S'E	4	C	39	65	7	4000	St	9	-	9	-		
S. Farnborough	237	1017.2	-2	S	7	Or	43	97	5	800	St	10	-	10	1023.9	-3	S	2	C	37	92	7	5700	St	7	ASr	10	-		
London (Kew Obs.)	18	1017.2	-2	S	7	Or	43	97	5	800	St	10	-	10	1025.1	-3	S'E	2	C	38	92	7	2500	St	8	ASr	10	-		
Croydon	244	1027.6	0	S'W	3	fo	31	97	3	220	St	10	-	10	1025.2	-3	S'W	4	fc	39	85	4	1500	St	7	ASr	10	-		
Shoeburyness	11	1017.2	-2	S	7	Or	43	97	5	800	St	10	-	10	1021.5	-1	SSE	3	C	39	97	7	1500	St	10	-	10	3		
Glaughton-on-Sea	54	1017.2	-2	S	7	Or	43	97	5	800	St	10	-	10	1021.5	-2	S	4	O	41	92	7	4000	St	10	-	10	3		
Felixstowe	15	1017.2	-2	S	7	Or	43	97	5	800	St	10	-	10	1021.8	-2	SSE	5	O	41	85	5	800	St	10	-	10	4		
Lympne	250	1027.9	+2	S'W	1	O	30	97	5	1500	St	10	-	10	1021.8	-1	SSE	4	O	41	92	6	800	St	10	-	10	-		
Scilly (St. Mary's)	163	1016.9	-1	SSE	6	Or	50	97	6	4300	Nb	10	-	10	1015.5	-1	S'E	5	Cd	52	97	5	2500	St	10	-	10	6		
Falmouth (Pendennis)	290	1020.4	-1	SE'S	7	Or	45	97	6	2500	Nb	10	-	10	1016.7	-8	S	7	Or	49	97	6	2500	Nb	10	-	10	4		
Plymouth (Cattewater)	62	1020.4	-1	SE'S	7	Or	45	97	6	2500	Nb	10	-	10	1019.0	-5	S	8	Or	48	97	7	800	Nb	10	-	10	6		
Portland Bill	32	1024.2	-1	SSE	5	C	45	65	8	2500	St	10	-	10	1021.3	-5	S	6	O/r	45	75	8	1500	Nb	10	-	10	6		
Southampton (Calshot)	10	1021.3	-1	E'S	3	bc	35	92	5	800	St	10	-	10	1024.7	-2	S	5	C	42	75	6	800	St	6	ASr	10	0		
Dungeness	20	1028.2	+2	N	1	FFb	28	97	0	-	-	0	-	0	1027.3	-1	SSW	3	C+	44	85	6	1500	C	6	Cst	10	3		
Guernsey (Fort George)	295	1025.8	-1	SSE	4	Or	41	75	6	1500	Nb	10	-	10	1023.2	-1	SSE	5	C	42	75	9	1500	St	8	ASr	10	6		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 15th December.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
	Forenoon.	Afternoon.	Min. 8h-10h.	Max. 10h-17h.	Night 17h-6h.	Day 6h-17h.	Sunrise to Sunset.										
			15 th Dec.	15 th Dec.	15 th Dec.	15 th Dec.	15 th Dec.										
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Bade	...	...	xccc	cac	31	43	-	-	0.0
Berwick-on-Tweed	o	c	27	27	0.3	-	0.0	Penzance	...	...	c	cc	40	46	-	Trace	0.0
			of	of	mm.	mm.	hr.	Paignton	...	...	bc	bc	29	44	-	-	0.0
Douglas (I. o. M.) ...	c	co	36	41	-	-	0.0	Torquay	...	...	o	o	31	46	-	-	0.0
Glandudno ...	c	c	27	36	-	-	0.0	Jersey	...	...	fg	g	30	42	-	-	0.3
Colwyn Bay ...	c	co	26	37	-	-	0.0	Weymouth	...	...	ba	cb	27	40	-	-	1.1
Rhyl ...	co	o	22	35	-	-	0.0	Bournemouth	...	...	b	of	21	33	-	-	3.3
Wallasey ...	xmo	co	26	34	-	-	0.0	Ventnor	...	...	xbz	bzo	25	38	Trace	Trace	3.6
Southport ...	fo	om	21	31	-	-	0.0	Portsmouth (S'ches)	...	...	bm	bm	25	33	-	-	0.6
Blackpool ...	cmx	om	24	32	-	-	0.0	Bognor	...	...	xbb	bbo	27	34	-	-	1.7
Ilkley ...	co	om	20	33	-	-	0.0	Littlehampton	...	...	bhm	cmf	26	31	-	-	0.8
Cleethorpe ...	abo	of	30	38	0.6	-	0.6	Worthing	...	...	boc	c	26	31	-	-	0.0
Skagness ...	bpf	cb	31	39	1	Trace	3.1	Brighton	...	...	b	baf	27	31	-	-	2.7
Aberystwyth ...	xoc	co	26	38	-	-	0.0	Eastbourne	...	...	b	bri	30	35	-	-	5.2
Bath ...	fmc	cm	21	28	-	-	0.0	Hastings	...	...	xb	bhm	29	37	0.2	-	5.6
Cheltenham ...	fx	fx	26	30	-	-	0.0	Folkestone	...	...	bm	bmbm	30	37	Trace	-	5.3
Leamington Spa ...	of	of	22	26	-	-	0.0	Dover	...	...	mb	mbfm	31	36	Trace	-	5.6
Lowestoft ...	bcpr	cbcc	32	43	0.4	Trace	3.0	Tunbridge Wells	...	...	cm	om	23	31	-	-	0.0
Harwich & Dovercourt	xb	xbc	30	40	-	-	4.8	Ramsgate	...	...	b	bbc	33	42	1	-	4.6
Maldon ...	xzb	co	28	36	-	-	4.1	Margate	...	...	bc	hcc	34	41	3	-	3.9
Southern ...	bs	bccf	28	38	-	0.2	3.6	Deal	...	...	bcb	bf	30	36	1	-	3.8

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B. 24497

Monday, 17th December 1928.

Page 1.

Observations at 12h. G.M.T. 16th.....															Observations at 12h. G.M.T. 17th.....														
STATIONS.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp.	Humidity.	Visibility.	Cloud.				State of ground.	Remarks.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp.	Humidity.	Visibility.	Cloud.				State of ground.	Remarks.	
			Dir.	Force.					Low.	Upper.	Total.	Dir.					Force.	Low.					Upper.	Total.					
																									Height.	Form.			Am.
(For heights see p. 4).	mb.						%	0-10.	Feet.						mb.						%	0-10.	Feet.						
Lerwick	1003.5	-0.1	SSE	7	0	42	92	6	1500	Nb	10	-	10		1004.4	-0.1	SSE	9	0	43	85	6	1500	Nb	10	-	10		
Roanoway	1001.5	-0.3	S	8	0	41	91	6	1500	Nb	10	-	10		1002.6	+0.6	S	8	0	40	97	6	1500	Nb	10	-	10		
Wick	1004.3	-0.8	S	8	0	40	92	6	1500	Nb	8	A.S.	10		1002.0	-2.3	SSW	3	0	41	97	8	1500	Nb	10	-	10		
Tiree	1000.8	+1.1	NW	4	0	47	97	1	1500	Nb	9	-	9		1006.9	+6.1	NW	6	0	47	65	8	2500	Cu	2	-	2		
Kaituma	1007.6	-0.6	SSE	6	0	41	92	6	800	Nb	10	-	10		1003.4	-4.2	S	4	0	37	92	7	800	Nb	10	-	10		
Aberdeen	1007.6	-0.6	SSE	6	0	41	92	6	800	Nb	10	-	10		1004.2	-3.4	S	4	0	42	92	6	800	Nb	10	-	10		
Malin Head	1003.4	+3.3	NW	4	0	47	97	7	4000	Nb	8	A.S.	10		1010.6	+7.2	NW	4	0	47	85	8	5700	St.Cu	2	-	2		
Raafrow	1004.1	-1.7	E	2	0	47	92	7	1500	Nb	7	A.S.	10		1005.5	+1.4	W	1	0	39	97	7	2500	Nb	9	-	9		
Edinburgh (Leith)	1005.5	-0.5	SE	3	0	40	92	6	800	Nb	10	-	10		1002.7	-2.8	WSW	4	0	46	85	7	800	St	10	-	10		
Leith	1005.5	-0.5	SE	4	0	38	97	6	800	Nb	10	-	10		1002.9	-2.6	SE	3	0	40	97	6	1500	Nb	10	-	10		
Baldernair	1007.3	-0.3	S	3	0	36	97	6	450	Nb	10	-	10		1005.6	+1.3	W	5	0	42	92	7	1500	St	9	-	9		
Tranent	1011.1	-0.6	S	3	0	38	92	6	1500	Nb	10	-	10		1007.4	-3.7	SSW	4	0	39	92	6	1500	Nb	8	-	8		
Blackhead Point	1008.7	+8.8	WNW	4	0	48	85	8	2500	St	10	-	10		1015.2	+6.5	W	4	0	47	85	8	2500	St	10	-	10		
Donaghadee	1004.0	-2.2	SSW	5	0	51	97	6	2500	Nb	6	A.S.	7		1009.9	+5.9	NW	4	0	45	85	8	4000	Cu	5	-	5		
Bar Head	1007.0	-0.5	SSE	3	0	52	92	7	1500	Cu	7	-	7		1014.6	+7.6	WNW	2	0	48	85	7	2500	Cu	2	-	2		
Holyhead	1007.0	-0.5	S	6	0	49	97	5	450	Nb	10	-	10		1010.2	+3.2	NW	6	0	47	85	7	4000	St.Cu	8	-	8		
Liverpool (Bidston)	1009.7	-0.6	SSE	5	0	41	92	6	1500	Nb	2	A.S.	8		1009.1	+1.1	SW	4	0	45	97	7	4000	Nb	10	-	10		
Chester (Sealand)	1011.0	-0.7	SSE	4	0	42	92	7	800	St	6	A.S.	9		1010.7	-0.3	SE	4	0	44	97	7	800	St	7	-	7		
Harrington	1013.3	-0.4	S	4	0	36	85	5	2500	St	10	-	10		1010.0	-1.3	SSE	3	0	39	97	5	2500	St	10	-	10		
Spurn Head	1015.1	-0.5	SSE	7	0	40	85	7	5700	St.Cu	5	A.S.	10		1011.4	-3.7	SSE	7	0	39	97	6	2500	Nb	10	-	10		
Grimsby (Grange)	1015.6	-0.5	S	5	0	39	97	5	1500	Nb	10	-	10		1012.3	-1.3	S	3	0	45	97	5	1500	Nb	10	-	10		
Grimsby	1018.1	-0.6	SSE	5	0	38	85	6	1500	St.Cu	9.5	A.S.	10.5		1014.0	-4.1	S	5	0	45	97	6	800	Nb	10	-	10		
Gorleston	1023.3	-0.4	S	6	0	42	92	6	2500	Nb	10	-	10		1019.1	-4.2	S	7	0	40	92	6	800	Nb	10	-	10		
Valentia (Cahircree)	1010.7	+12.2	NW	5	0	50	85	8	1500	Cu	7	-	7		1018.2	+7.5	WNW	5	0	48	85	8	2500	St.Cu	6	-	6		
Roche Point	1008.0	0	SW	3	0	53	92	7	1500	St.Cu	9	-	9		1015.5	+7.5	NW	4	0	48	85	8	1500	Cu	4	-	4		
Pembroke (St. Ann's Hl.)	1009.6	-0.2	SSW	4	0	52	97	5	450	St	10	-	10		1010.5	0	SSW	4	0	45	97	6	800	St.Cu	9	-	9		
Ross-on-Wye	1014.0	-0.7	SSE	5	0	45	92	6	1500	Nb	10	-	10		1012.1	-1.9	SW	4	0	45	97	7	2500	Nb	6	-	6		
Leafield	1017.3	-0.4	SSE	5	0	37	92	7	800	St	10	-	10		1013.2	-4.1	SSE	5	0	43	97	7	800	St	10	-	10		
Winchester (Worthy Dn.)	1019.9	-0.5	SSE	4	0	39	97	6	800	St	10	-	10		1015.1	-4.8	SSE	4	0	45	97	6	800	Nb	10	-	10		
B. Barnborough	1020.4	-0.4	S	5	0	40	85	6	800	Nb	10	-	10		1015.2	-5.2	S	5	0	44	97	4	220	Nb	10	-	10		
London (Kew Obs.)	1021.1	-0.6	S	5	0	41	75	6	800	St	1	A.S.	10		1014.2	-6.9	S	4	0	45	97	5	1500	Nb	8	-	8		
Orcydon	1021.1	-0.6	SSW	5	0	41	75	6	2500	St.Cu	8	A.S.	10		1014.8	-6.3	SSW	5	0	45	97	5	450	Nb	10	-	10		
Shoeburyness	1022.8	-0.2	SE	5	0	42	85	8	-	-	0	A.S.	10		1018.3	-4.5	SW	6	0	41	97	8	1500	St	10	-	10		
Clifton-on-Sea	1023.1	-0.3	SSE	6	0	42	85	6	1500	St	5	A.S.	10		1019.6	-3.5	S	6	0	41	92	7	4000	St	10	-	10		
Penzance	1023.1	-0.3	SSE	6	0	42	85	6	1500	St	5	A.S.	10		1019.3	-3.8	S	6	0	41	97	7	450	Nb	10	-	10		
Lymington	1024.0	-0.4	SSE	5	0	41	75	6	5700	St.Cu	7	A.S.	10		1020.4	-3.6	SSE	4	0	40	97	5	220	St	10	-	10		
Selly (St. Mary's)	1014.4	-2.2	SW	6	0	53	97	5	2500	Nb	10	-	10		1014.4	-2.2	SW	6	0	50	97	7	4000	St.Cu	8	-	8		
Falmouth (Pendennis)	1014.4	-2.3	SW	6	0	52	97	6	1500	Nb	10	-	10		1014.5	-2.1	W	3	0	51	97	7	2500	Nb	10	-	10		
Plymouth (Cattewater)	1013.4	-2.3	SSW	6	0	51	97	4	220	Nb	10	-	10		1014.4	-2.2	SW	3	0	51	97	7	800	St	9	-	9		
Portland Bill	1017.0	-0.4	S	6	0	42	92	6	1500	St	10	-	10		1013.4	-3.6	SW	6	0	51	97	5	1500	Nb	10	-	10		
Southampton (Oulton)	1017.0	-0.4	SW	6	0	43	92	6	800	St	8	A.S.	10		1015.7	-1.3	SSW	5	0	46	92	6	800	St	9	-	9		
Weymouth	1023.3	-0.5	SSW	5	0	42	75	8	4000	St.Cu	8	Cu	10		1019.6	-3.7	SSW	5	0	42	97	7	800	Nb	10	-	10		
Wexham (Fort George)	1020.5	-0.4	SSW	6	0	47	97	5	800	St	10	-	10		1017.8	-2.7	S	4	0	50	97	3	450	St	10	-	10		

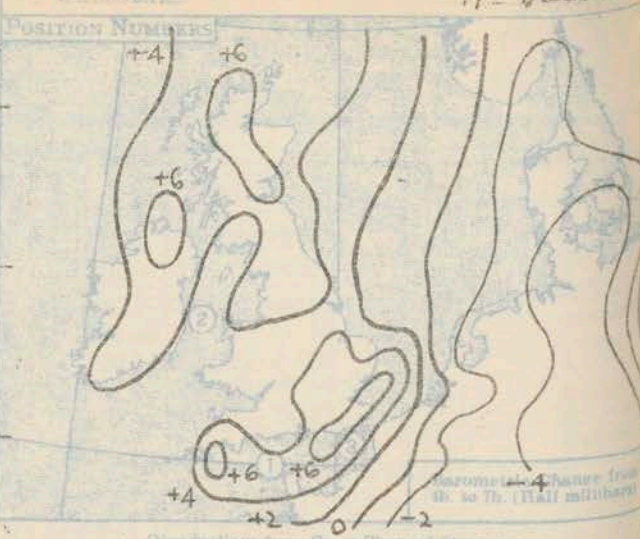
LONDON OBSERVATIONS.										WEATHER.										TEMPERATURE.										HUMIDITY.										ATMOSPHERIC POLLUTION.										POLAR STAR RECORD at Greenwich Observatory.										CODE FOR STATE OF GROUND.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Day to 24h. Low & Crydon.										Morning.										Afternoon.										Night.										Max.										Min.										Rain.										Sun.										Haze.										Fog.										Snow.										Ice.										Wind.										Temp.										Humidity.										Atmospheric.										Polar.										Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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SUMMARIES FOR THE PAST 24 HOURS.

ISALLOBARS

17th December

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				SUN 1/6th Hours.
	7h-12h 1/6th	12h-12h 1/6th	12h-12h to 1h. 1/3	1h-7h 1/6th	MAX. Day 7h-12h	MIN. Night 12h-7h	MIN. on Grass	Day 7h-12h mm. began.	Night 12h-7h mm. began.	12h-7h mm.	12h-7h mm.	
Lerwick	corrc	orrm	for	cpr.	44	41	*	8	<8.00	15	<21.00	0.0
Stornoway	orrcddm	addm	c	bcprbc	41	38	*	3	<8.00	2	2.30	0.0
Wick	corrc	orrc	orbc	prbc	42	39	*	4	<8.00	7	<21.00	*
Tiree	r.r.s.	r.p.d	bcc	prbc	48	45	41	5	<8.00	1	2.30	0.0
Nairn	cpr	crr	rcpr	prbc	40	36	36	7	<8.00	4	?	0.0
Aberdeen	orrc	orrm	orrc	cb	42	40	32	16	<8.00	4	<21.00	0.0
Malin Head	cirR	crrcbcb	bcp	bcp.	51	46	*	11	9.00	0.5	<21.00	0.0
Benfrew	orrcism	orr	cd.be	bcp.	46	37	32	12	<8.00	Tr.	<21.00	0.0
Edinburgh (Inchkeith)	orrcism	rrco	ocprbc	b.be	47	39	37	12	<8.00	0.1	22.00	0.0
Leuchars	orrcism	orrc	ocbcx	b.be	40	32	25	13	<8.00	0.6	<21.00	0.0
Blackdalemuir	orrm	orrm	bcp.	b	43	36	36	3	<8.00	0.2	<21.00	0.0
Tynemouth	orrc	og	ebcb	bbe	39	38	32	4	<8.00	-	-	*
Blacksod Point	Rca	ca	bcb	c	49	45	*	8	-	1	-	*
Donaghadee	orrc	cirbc	bc	bc	52	41	*	3	<8.00	-	-	*
Birr Castle	ocir	bc	bcbx	bx	53	55	21	3	<8.00	-	-	1.8
Holyhead	idrrq	D.b.c.	cbcb	b	52	46	44	3	9.00	-	-	0.8
Liverpool (Bidston)	omcp	p.p	oro	ocbc	45	43	37	0.4	13.30	1	<21.00	0.0
Chester (Sealand)	cd	d.b.c.	bccpr	bc	44	40	34	1	9.00	1	<21.00	0.0
Harrogate	corrc	cir	cb	bx	39	38	31	5	<8.00	-	-	0.0
Spurn Head	orc	codorr	ocbc	bcb	41	39	*	3	9.00	0.2	<21.00	0.0
Birmingham (Edgbaston)	od	or	odrc	cbe	45	39	32	2	11.00	1	<21.00	0.0
Cranwell	fxmirzod	orrcddm	d.b.c.	bcbm.	39	37	34	4	<8.00	0.2	<21.00	0.0
Gorleston	og	orrc	orrc	orbc	42	40	39	0.3	16.30	3	<21.00	0.0
Valentia (Cahiroivean)	cbcc	cp.bcy	bc	bw	55	40	35	0.2	13.30	Tr.	-	0.5
Roche Point	orc	cpbc	bcb	b	54	40	*	6	<8.00	-	-	*
Pembroke (St. Ann's H.)	orrcism	cbccdd	cbcb	b	54	44	*	12	<8.00	0.4	<21.00	0.0
Rose-on-Wye	d.cog	rgdc	bccpb	b	50	39	30	2	<8.00	0.6	22.00	0.0
Leafield	coid	odd	orprc	cbe	43	37	34	5	9.00	1	<21.00	0.0
Winchester (Worthy Dn.)	cdddm	oddmrm	orrm.c	crcbcb	45	36	31	8	9.00	2	<21.00	0.0
S. Farnborough	ccpc	crgm	orrm.c	orrm.c	44	39	32	2	11.00	3	<21.00	0.0
London (Kew Obs.)	cwccq	cdm	cir	crbc	44	41	35	1	15.30	5	<21.00	0.0
Croydon	c2	comddm	orrcdd	orrcb	42	40	36	1	13.30	6	<21.00	0.0
Shoeburyness	o	o	or	orbc	42	39	36	-	-	3	<21.00	0.0
Clacton-on-Sea	og	ogdr	or	orbc	42	40	37	0.6	14.30	4	<21.00	0.0
Felixstowe	ozc	oddmrm	orr	ocrc	42	40	37	1	14.30	3	<21.00	0.0
Lympne	ocm	cdadd	oddf	ofcprbc	41	39	38	0.5	14.30	6	<21.00	0.0
Scilly (St. Mary's)	orrc	orbc	ebc	bc	53	47	*	7	<8.00	-	-	1.0
Falmouth (Pendennis)	orrm	orrm	ebc	bcp.	53	46	*	9	<8.00	0.2	3.30	0.0
Plymouth (Cattewater)	ogmrr	ogmrr	cprb	bw	53	43	38	10	<8.00	0.2	<21.00	0.0
Portland Bill	odoidz	orrm	orbc	cb	51	43	*	4	<8.00	Tr.	<21.00	*
Southampton (Calshot)	cdm	crrrm	crrm	cprbc	46	40	36	4	9.00	1	<21.00	0.0
Dungeness	c	corf	oford	ocbc	44	40	*	2	13.30	5	<21.00	*
Guernsey	cdm	cdm	ddoc	cvq.	50	46	*	2	<8.00	1	<21.00	0.0



Position	Date and Time	Steamship	Wind	Weather	Temp.
			Dir. Force	Air Sea	
3	17th 2h	Dieppe	WSW 5	or.c	49 50

GENERAL INFERENCE.

An anticyclone over Southern Ireland is moving slowly eastward. Weather will be generally fair at first but unsettled conditions with rain and a higher temperature will soon be renewed in Western Ireland to spread eastward to reach all districts.

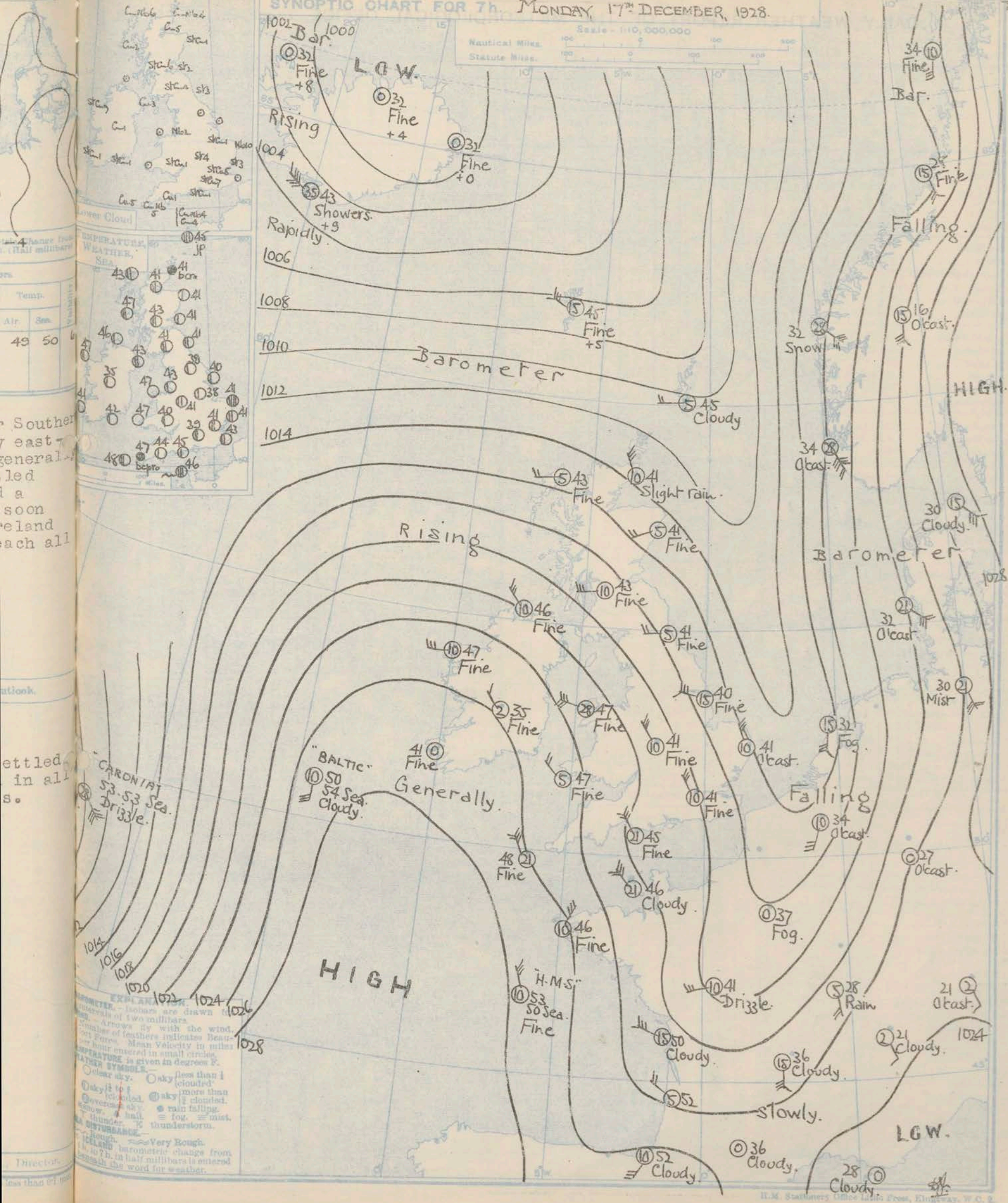
Districts.	Forecast for the 24 hours commencing 12 Noon G.M.T. Monday, 17th December, 1928.	Further Outlook.
1. S.E. England	Moderate northerly winds to-day with fine weather and moderate temperature. Moderate to fresh southerly winds with mild cloudy weather and some rain to-morrow.	Unsettled and mild in all districts.
2. E. England		
3. E. Midlands		
4. W. Midlands	Moderate northwesterly winds, backing to southerly and freshening; bright at first, cloud increasing and lowering with rain later; temperature rising.	
5. S.W. England		
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands	As 1 - 3.	
10. N.E. England		
11. S.E. Scotland	Moderate to fresh westerly winds, backing and freshening considerably; bright at first, cloud increasing and lowering with rain later; temperature rising.	
12. S.W. Scotland & Isle of Man		
13. A.W. Scotland		
14. Mid-Scotland	Moderate to fresh westerly winds, backing; mainly bright at first, cloudy later; moderate temperature.	
15. N.E. Scotland		
16. Orkneys and Shetlands	Moderate southerly winds, becoming strong to gale; cloud increasing and lowering; rain; mild.	
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

Meteorological Office: Air Ministry, Kingsway, London, W.C.2.

Forecasts issued at

09.30 A.M.

G. C. SIMPSON, F.R.S., Director.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Monday 17th December 1928.

No. 352.

Page 4.

Page 4.

BRITISH SECTION 1928.

NO. 122.

STATIONS	Observations at 1h. G.M.T. 17 th													Observations at 7h. G.M.T. 17 th																
	Height above M.S.L. in feet	Barom. at M.S.L.	Change in 3 Hours	Wind.		Weather.	Temp. deg.	Humidity %	Visibility 1/2	Cloud.			Barom. at M.S.L.	Change in 3 Hours	Wind.		Weather.	Temp. deg.	Humidity %	Visibility 1/2	Cloud.			Barom. at M.S.L.	Change in 3 Hours					
				Dir.	Force					Height	Form	Amt.			Dir.	Force					Height	Form	Amt.							
																										0-12	0-10	0-10	0-10	0-10
Lerwick ...	64	1003.5	+1	SSW	1	bc	42	92	7	1500	Nb	10	1015.5	+5	W	2	c/p	45	75	7	1500	CuNb	4	As	8	1015.5				
Stornoway ...	30	1012.5	+4	-	0	bc	40	85	8	1500	CuNb	4	1012.6	+5	NNW	3	bc	41	92	7	4000	CuNb	6	-	6	1012.6				
Wick ...	81	1008.4	+5	WNW	2	bc	40	85	8	1500	CuNb	4	1019.3	+5	NW	5	bc	47	85	8	2500	Cu	3	-	3	1019.3				
Tires ...	22	.	.	.	.	.	.	.	.	.	.	.	1016.1	.	W	1	bc	41	85	8	2500	Cu	5	-	5	1016.1
Nairn ...	82	.	.	.	.	.	.	.	.	.	.	.	1015.6	+4	WSW	2	b	41	85	7	4000	StCu	1	-	1	1015.6
Aberdeen ...	37	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Malin Head ...	51	1012.8	+6	NW	4	bc	47	97	8	4000	CuNb	4	1022.4	+6	NW	3	b/r	46	97	8	-	-	0	Acu	1	1022.4				
Renfrew ...	30	1010.5	+4	-	0	bc	40	85	8	1500	CuNb	4	1019.4	+4	W	3	bc	43	85	8	4000	StCu	6	-	6	1019.4				
Edinburgh (Inchkeith) ...	100	1011.3	+4	WSW	3	b	42	85	8	800	St	1	1017.2	+5	WSW	3	b	41	85	8	1500	St	2	-	2	1017.2				
Leuchars ...	30	.	.	.	.	.	.	.	.	.	.	.	1017.1	+6	W	2	b	33	97	8	4000	StCu	1	-	1	1017.1
Eskdalemuir ...	794	.	.	.	.	.	.	.	.	.	.	.	1019.5	+5	WNW	5	bc	41	92	8	1500	StCu	4	-	4	1019.5
Tynemouth ...	67	1013.0	+6	W	2	b	40	85	7	-	-	0	1017.3	+4	W	2	bc	41	92	7	800	St	3	-	3	1017.3				
Blackod Point ...	18	1021.8	+5	W	4	b	46	85	8	-	Cu	2	1025.7	+3	W	3	bc	47	85	8	-	StCu	7	-	7	1025.7				
Douaghadee ...	40	.	.	.	.	.	.	.	.	.	.	.	1021.9	+3	W	3	bc	43	85	8	4000	Cu	3	-	3	1021.9
Birr Castle ...	173	.	.	.	.	.	.	.	.	.	.	.	1025.8	.	NW	1	b	35	92	7	2500	Cu	1	As	1	1025.8
Holyhead ...	28	1018.3	+4	NW	6	b	47	85	7	1500	Cu	1	1022.6	+4	NW	3	b	47	85	8	-	-	0	-	0	1022.6				
Liverpool (Bidston) ...	188	.	.	.	.	.	.	.	.	.	.	.	1022.2	+4	NW	3	b	43	92	7	2500	Nb	2	-	2	1022.2
Chester (Sealand) ...	16	.	.	.	.	.	.	.	.	.	.	.	1021.6	+5	WNW	5	bc	43	92	8	2500	St	4	-	4	1021.6
Harrogate ...	478	.	.	.	.	.	.	.	.	.	.	.	1020.1	+5	W	2	b	39	85	8	-	-	0	Acu	1	1020.1
Spurn Head ...	38	1012.6	+1	WNW	4	bc	41	87	6	4000	Nb	4	1017.8	+2	WN	4	b	40	86	7	-	-	0	As	2	1017.8				
Birmingham (Edgbaston) ...	535	.	.	.	.	.	.	.	.	.	.	.	1022.3	+3	NW	3	bc	41	85	6	800	St	4	-	4	1022.3
Cranwell ...	238	1014.9	+3	NW	4	bc	42	92	6	4000	StCu	6	1019.8	+5	WNW	3	b	38	92	6	4000	StCu	1	-	1	1019.8				
Gorleston ...	14	1014.4	-2	SSW	3	bc	41	97	6	1500	Nb	10	1017.2	+3	NNW	3	b	41	85	6	1500	Nb	10	-	10	1017.2				
Valentia (Cahiriveen) ...	30	1024.9	+5	W	2	b	49	92	9	-	-	0	1027.9	+4	-	0	b	41	92	8	4000	StCu	1	-	1	1027.9				
Roches Point ...	22	.	.	.	.	.	.	.	.	.	.	.	1027.1	+4	N	2	b	42	92	8	2500	StCu	1	-	1	1027.1
Pembroke (St. Ann's H.) ...	150	1019.8	+4	NW	2	b	46	75	8	-	-	0	1024.6	+3	NW	3	b	47	85	8	-	-	0	-	0	1024.6				
Ross-on-Wye ...	228	.	.	.	.	.	.	.	.	.	.	.	1022.5	+3	WSW	1	b	40	85	8	4000	StCu	1	-	1	1022.5
Leafield ...	812	.	.	.	.	.	.	.	.	.	.	.	1021.4	+4	NNW	4	b	39	85	8	4000	StCu	1	-	1	1021.4
Winchester (Wortley) ...	272	.	.	.	.	.	.	.	.	.	.	.	1020.8	+3	WNW	4	b	36	92	8	6700	StCu	1	-	1	1020.8
S. Farnborough ...	237	.	.	.	.	.	.	.	.	.	.	.	1020.9	+4	NNW	2	bc	39	85	8	1500	StCu	7	-	7	1020.9
London (Kew Obay) ...	13	.	.	.	.	.	.	.	.	.	.	.	1020.7	+5	NW	3	bc	41	85	6	4000	StCu	5	-	5	1020.7
Croydon ...	244	1015.1	0	WSW	3	bc	47	97	5	450	Nb	10	1020.5	+6	NNW	3	bc	40	86	6	1500	St	4	-	4	1020.5				
Shoeburyness ...	11	.	.	.	.	.	.	.	.	.	.	.	1019.2	+6	NNW	3	b/r	40	92	6	-	-	0	As	2	1019.2
Clacton-on-Sea ...	54	.	.	.	.	.	.	.	.	.	.	.	1017.5	+4	N	3	bc	41	92	7	4000	St	3	-	3	1017.5
Felixstowe ...	15	.	.	.	.	.	.	.	.	.	.	.	1018.2	+6	NW	4	b	40	85	7	4000	StCu	1	-	1	1018.2
Lymington ...	350	1015.3	-3	SSW	4	bc	46	97	2	450	St	10	1017.5	+3	NNW	3	bc	41	92	6	4000	StCu	2	-	2	1017.5				
Scilly (St. Mary's) ...	163	1027.2	+6	NNW	6	bc	47	75	8	4000	Cu	4	1025.9	+3	NNW	5	bc	48	85	8	4000	Cu	5	-	5	1025.9				
Falmouth (Pendennis) ...	200	1020.5	+5	NNW	3	bc	47	75	7	4000	Cu	4	1025.8	+6	NNW	2	bc	47	86	7	4000	CuNb	5	-	5	1025.8				
Plymouth (Cattewater) ...	82	.	.	.	.	.	.	.	.	.	.	.	1026.1	+5	NW	3	b	44	92	8	4000	Cu	1	-	1	1026.1
Portland Bill ...	52	1015.7	+1	NW	5	C	48	85	8	2500	StCu	10	1021.3	+3	NNW	5	b	45	85	8	2500	StCu	1	-	1	1021.3				
Southampton (Calshot) ...	19	1015.0	0	NNE	1	C	47	85	7	1500	St	3	1021.1	+6	NNW	4	bc	40	85	7	1500	St	3	-	3	1021.1				
Bournemouth ...	20	1015.9	-2	SSW	4	bc	47	92	7	800	St	10	1018.5	+4	NNW	2	bc	43	92	7	-	-	0	Acu	4	1018.5				
Guernsey (Port George) ...	205	1019.6	+1	WNW	4	C	50	85	7	2500	StCu	10	1022.0	+4	NNW	5	C	46	85	9	2500	CuNb	8	-	8	1022.0				

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 16th December.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE. Sunrise to Sunset. 16 th	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Forenoon.	Afternoon.	Min. 9h. to 12h.	Max. 12h. to 3h.	Night 12h. to 6h.	Day 6h. to 12h.									
Berwick-on-Tweed	ars	ars	27	38	6	3	0.0								
Douglas (I. o. M.)	ars	ars	36	50	24	6	0.0								
Llandudno	ars	ars	29	56	5	0.5	1.3								
Gwynedd Bay	ars	ars	33	54	31	3	0.2								
Rhyl	ars	ars	25	52	2	1	0.0								
Wallasey	ars	ars	27	45	11	0.3	0.0								
Southport	ars	ars	30	43	11	3	0.0								
Blackpool	ars	ars	28	43	9	2	0.0								
Hilkey	ars	ars	21	43	11	2	0.0								
Cleethorpe	ars	ars	32	40	6	2	0.0								
Skewness	ars	ars	32	41	-	0.3	0.0								
Aberystwyth	ars	ars	35	52	3	3	0.0								
Bath	ars	ars	22	50	0.3	6	0.0								
Cheltenham	ars	ars	32	46	0.5	1	0.0								
Leamington Spa	ars	ars	22	42	-	4	0.0								
Lowestoft	ars	ars	35	42	1	Trace	0.0								
Harwich & Dovercourt	ars	ars	33	41	0.2	0.3	0.0								
Malden	ars	ars	26	41	-	0.5	0.0								
Southend	ars	ars	25	41	0.2	-	0.0								

Statistics are obtained at the Meteorological Office, price 1d.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 16th December.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)													
	Forenoon.	Afternoon.	Min. 9h. to 9h. 15.	Max. 9h. - 17h. 15.	Night 17h. - 6h. 15.	Day 9h. 15h. 15.	Sunrise to Sunset. 15h. 15.	Bade	Penzance	Paignton	Torquay	Jersey	Weymouth	Bournemouth	Ventnor	Portsmouth (S. Is.)	Bognor	Littlehampton	Worthing	Brighton	Eastbourne	Hastings	Folkestone	Dover	Tunbridge Wells	Ranegate	Margate	Deal
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	hr.	mm.	min.	hr.	mm.	min.	hr.	mm.	min.	hr.	mm.	min.	hr.	mm.	min.	hr.	mm.	min.	hr.	mm.	min.
Berwick-on-Tweed	or	rr	27	38	6	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Douglas (I. of M.)	or	rr	29	56	5	0.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Llandudno	or	rr	33	54	31	3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golwyn Bay	or	rr	25	52	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rhyl	or	rr	27	45	11	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wallasey	or	rr	28	43	3	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southport	or	rr	21	43	11	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Blackpool	or	rr	34	40	6	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ilkley	or	rr	32	41	-	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleethorpes	or	rr	35	52	3	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Skewness	or	rr	22	50	0.3	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aberystwyth	or	rr	32	46	0.5	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bath	or	rr	22	42	-	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cheltenham	or	rr	35	42	1	Trace	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Leamington Spa	or	rr	33	41	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lowestoft	or	rr	26	41	-	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Harwich & Dovercourt	or	rr	25	41	0.2	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maldon	or	rr	25	41	0.2	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southend	or	rr	25	41	0.2	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

BRITISH SECTION

No. B.24498

TUESDAY, 18th DECEMBER, 1928.

Page 1.

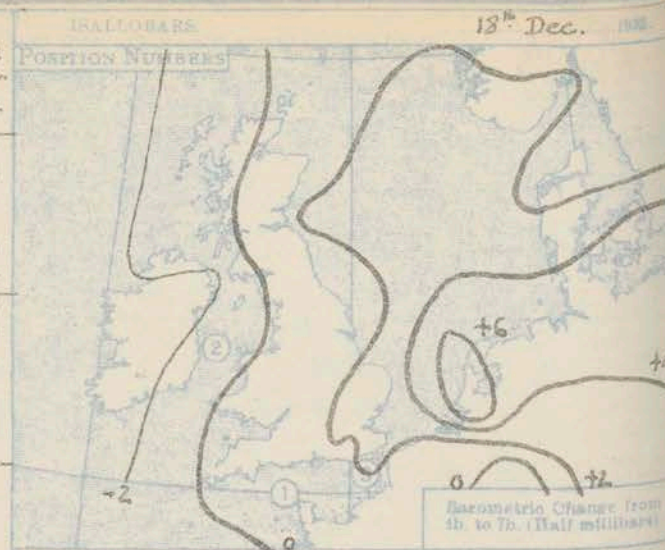
* Trace = rain has fallen, but amount less than 0.1 mm.

* Information for these columns not usually received.

1 The barometric change is expressed in half millibars

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				SUN 17 th Hours.
	7h-12h.	12h-18h.	18h-17h.	1h-7h.	MAX. Day	MIN. Night	MIN. on 7h-18h.	Day 7h-18h.	Night 18h-7h.	Day 12h-7h.	Night 12h-7h.	
	17 th	17 th	17 th	18 th	7h-18h.	18h-7h.	18h-7h.	mm.	began.	mm.	began.	
Lerwick ...	bccpr	cpr, bc	bccpr	bccpr	47	43	.	3	28.00	2	22.00	0.0
Stornoway ...	bccpr, bc	cpr, bc	c	c	46	42	.	1	28.00	-	-	2.0
Wick ...	crr, bc	pr, bc	c	b, bc	45	39	.	5	28.00	-	-	.
Tiree ...	bcc	pr, c	bcc	c	48	43	41	Tr	14.30	-	-	1.8
Nairn ...	bccpr	bc, c	bcc	bc	44	34	.	0.1	28.00	-	-	2.0
Aberdeen ...	b	b	b	bx	46	30	23	-	-	-	-	4.4
Malin Head ...	b, bc, c	c	bcc, bc	bccpr	48	39	.	-	-	-	-	0.0
Benfrew ...	bccpr, bc	bc	bccm.	bccm.	48	33	28	Tr	11.00	-	-	3.9
Edinburgh (Inchkeith) ...	bm, m.	bm, bc	bccm.	bccm.	47	37	30	-	-	Tr	-	5.2
Leuchars ...	b, x	b	bx	bx, bc	46	30	24	-	-	0.1	-	5.7
Blackdunmuir ...	bccpr, bc	bc	bcc	oxm	45	23	20	-	-	-	-	3.2
Tynemouth ...	bc	bc	b	bcc	47	34	29	-	-	-	-	.
Blackhead Point ...	c	bcc	bccq	p, c	50	45	.	-	-	0.4	.	.
Donaghadee ...	bccpr	pr, bc	bc	bcc	48	33	.	0.2	11.00	-	-	.
Birr Castle ...	bccm.	cm, g	cm.	cm.	46	38	28	-	-	-	-	0.0
Holyhead ...	b	bcc	b, cm.	cm, e	49	37	34	-	-	Tr	-	4.8
Liverpool (Bidston) ...	bcc	cb, bc	bccw	bcm.	46	39	30	-	-	0.1	-	3.6
Chester (Sealand) ...	bcm.	bc	bcc	bcm, x	49	30	25	-	-	-	-	2.6
Harrogate ...	b	b	b	bx	46	33	27	-	-	-	-	5.5
Spurn Head ...	bc	bcc	bc	bc	42	36	.	-	-	-	-	5.7
Birmingham (Edgbaston) ...	bcc	bcc	bcc	bm, f	47	35	23	-	-	-	-	2.2
Cranwell ...	bm.	bm.	bm, x	bm, x	45	32	25	-	-	-	-	5.4
Gorleston ...	bcc, bc	bc	bcc	bcc	46	36	34	-	-	-	-	5.7
Valentia (Cahiroiveen) ...	bw, bc	bc	bcc	corr.	50	45	42	Tr	-	5	3.30	4.6
Reches Point ...	b	bcc, cw	bcc	bcc	50	42	.	Tr	-	-	-	6.5
Pembroke (St. Ann's H.) ...	c	bc	bc	bcc	50	39	.	-	-	-	-	6.6
Ross-on-Wye ...	b	bcc, bc	bccw	bm, x, f	49	27	21	-	-	-	-	6.6
Leafeld ...	bcc	cbc	cb	bfo	45	35	30	-	-	Tr	-	3.2
Winchester (Worthy Dn) ...	cbc	bcc	bcc, bc	com, x	47	28	21	-	-	-	-	3.3
S. Farnborough ...	bc	bcc	bm	bmo, f, e	46	29	20	-	-	0.1	-	3.5
London (Kew Obs.) ...	bcc	bcc	bm	bmo, f, e	47	33	25	Tr	-	0.1	-	6.0
Croydon ...	bcc, bm.	bcc, bm.	bm	bmo, f, e	46	35	28	-	-	Tr	-	3.3
Shoeburyness ...	bcc, b	bm.	bm.	bm, x.	47	33	31	-	-	-	-	5.4
Clacton-on-Sea ...	bcc, b	bcc, bm.	bm	bm	46	34	31	-	-	-	-	5.3
Felixstowe ...	bcc, b	bcc, bm.	bm	bm	45	36	33	-	-	Tr	-	5.6
Lympne ...	bcc	bcc, bm.	bm	bm	46	34	31	-	-	-	-	5.7
Seilly (St. Mary's) ...	bc	bc	bcc	bcc	52	42	.	-	-	-	-	6.0
Falmouth (Pendennis) ...	bccpr	bc	bcc	bcc	51	38	.	Tr	28.00	-	-	6.4
Plymouth (Cattewater) ...	bcc	bcc, bm.	bm	bm, x	50	33	30	-	-	Tr	-	5.5
Portland Bill ...	b	bz	bz	bcc, b	50	40	.	-	-	-	-	.
Southampton (Calshot) ...	bcc, bm.	bcc, bm.	b	bm, x	47	33	22	-	-	-	-	4.7
Dunegess ...	bcc	bcc, bm.	bcc, bm.	bm, x	48	.	.	-	-	-	-	.
Guernsey ...	bcc, b	bcc	bcc	bcc	50	43	.	-	-	Tr	-	7.2



Observations from Cross Channel Steamers.									
Position.	Date and Time.	Steamship.	Wind.		Weather.		Temp.		Visibility.
			Dir.	Force.	Dir.	Force.	Air.	Sea.	
2	17 th 10h	Cambria	NW	4	bc		46	51	9
1	18 th 2h	Arundel	N	3	bc		47	50	7

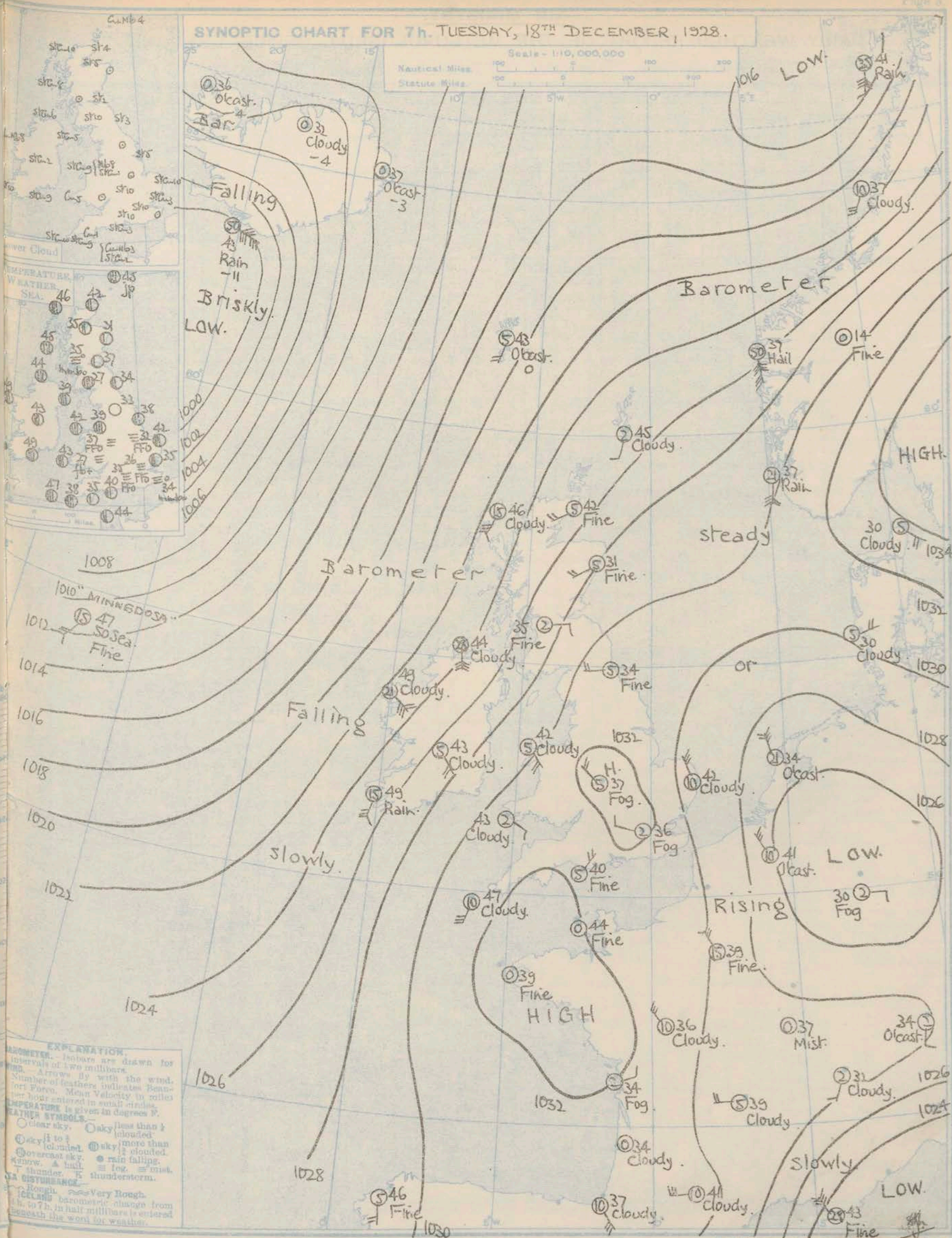
GENERAL INFERENCE.

An anticyclone centred over Western Europe is moving slowly eastward while a depression centred south of Iceland is moving northeastward together with associated secondaries. Unsettled conditions on the western seaboard are likely to spread slowly eastward but in Eastern and Southeastern England weather should continue fair for most of today apart from fog.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Tuesday, 18th December, 1928.	Farther Outlook.
1. S.E. England	Light variable winds becoming moderate southerly or south-westerly; cloudy; some rain later; moderate temperature; fog at night and in the early morning.	Unsettled
2. E. England		
3. E. Midlands		
4. W. Midlands	Light southerly winds becoming fresh and veering somewhat; cloudy; some rain; moderate temperature; some mist or fog locally at night and in the early morning.	Unsettled
5. S.W. England		
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands		
10. N.E. England	As 1 - 3.	Unsettled
11. S.E. Scotland		
12. S.W. Scotland & Isle of Man	Moderate to fresh southerly to southwesterly winds; cloudy, some rain; mild.	
13. A.W. Scotland		
14. B.W. Scotland		
15. Mid-Scotland		
16. N.E. Scotland		
17. Orkneys and Shetlands	Light to moderate southerly to southwesterly winds, becoming fresh at times later; cloudy; mild.	
18. N.W. Ireland		
19. N.E. Ireland	Moderate to fresh southerly winds veering to westerly later; cloudy; some rain; mild.	
20. S.E. Ireland		
21. S.W. Ireland		

SYNOPTIC CHART FOR 7h. TUESDAY, 18TH DECEMBER, 1928.

Scale - 1/10,000,000
Nautical Miles
Statute Miles



EXPLANATION.
BAROMETER. - Isobars are drawn for intervals of two millibars.
WIND. - Arrows show the wind direction. Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circles.
TEMPERATURE. - Is given in degrees F.
WEATHER SYMBOLS.
○ clear sky. ○ sky less than 1/4 clouded.
○ sky 1/4 to 1/2 clouded. ○ sky 1/2 to 3/4 clouded.
○ overcast sky. ○ rain falling.
☁ snow. ⚡ lightning. ☁ fog. ☁ mist.
☁ thunder. ☁ thunderstorm.
SEA DISTURBANCE.
○ Rough. ○ Very Rough.
ICE. - barometric change from 7h. to 7h. in half millibars is entered beneath the word for weather.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION.....TUESDAY, 18th DECEMBER.....1928

No. 353

* Information not usually received.

* The observations at 1h G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1

71 See footnote page 1

At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ☉ 12h.-3h.

354

Day	Night
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31

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22	1
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BRITISH SECTION.

No. B.24499

WEDNESDAY, 19th DECEMBER 1928.

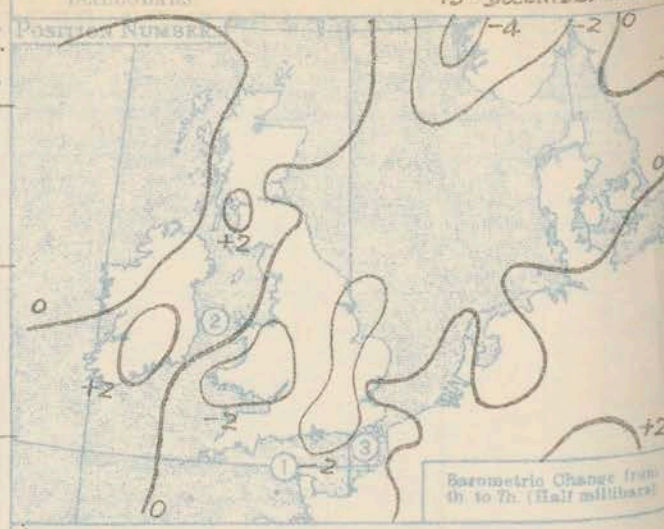
Page 1.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

BAROBARS

19th December 1928

Observations from Cross Channel Steamers.

Position	Date and Time	Steamship	Wind		Weather	Temp.		Visibility
			Dir.	Force		Air	Sea	
2	18 th 10h	Cambria	5	5	C+	50	62	8
1	" 12h	S th Helier	-	0	bc-	51	53	1
3	19 th 2h	Dieppe	SSE	2	C	44	50	7

GENERAL INFERENCE.

A large area of high pressure extends from Russia across France to Mid-Atlantic. A shallow depression located over the Irish Sea will move northeastwards and cause dull weather for a time over England and southern Scotland with some rain or drizzle. Elsewhere fair weather is to be expected.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				SON 18 th Hours.
	7h-18h 18 th	18h-18h 18 th	18h-18h 18 th	18h-18h 18 th	Max. Day	Min. Night	Min. on Grass	Day 7h-18h	Night 18h-7h	Day 18h-7h	Night 7h-18h	
Lerwick	c	c	colr	bcpr	47	44	-	-	3	21.00	0.0	
Stornoway	c	r-d	b-be	boprbc	47	42	-	1 12.30	2	2.30	0.0	
Wick	c	c	orr	b-be	45	41	-	0.1 17.30	3	21.00	0.0	
Tiree	co	d.m.	prbc	bcpr	47	45	40	5 13.30	4	21.00	0.0	
Kairn	bcc	cr r	or c	cg bc	42	40	-	1 15.30	0.4	21.00	0.0	
Aberdeen	bcc	c	corr	cir b	42	35	29	-	6	22.00	0.6	
Main Head	co	cr r	cir bc	bcce	47	44	-	2 11.00	1	21.00	0.0	
Renfrew	bim cm	com to	or c	or cp	44	39	32	0.1 17.30	2	21.00	0.0	
Edinburgh (Inchkeith)	m bccm	m m	orr	coir bc	43	42	39	-	5	21.00	0.2	
Leuchars	bccm cm	cm c	corrr	c bc	41	39	35	-	3	21.00	0.1	
Eskdalemuir	ox off s	oc	codrm	ddom	37	36	34	-	5	21.00	0.0	
Tynemouth	bccff	bccff	cff	or m	42	34	33	-	0.2	3.30	-	
Blackod Point	To	Rb	bc	bc r	52	43	-	7	0.6	-	-	
Donaghadee	c	cir	cir	ir bc	47	39	-	2 15.30	5	21.00	-	
Birr Castle	c	corr	orr	off	49	39	31	3 15.30	2	21.00	0.3	
Holyhead	cm c	cm	DD	rrrr	46	46	43	-	11	21.00	0.0	
Liverpool (Bidston)	cm m	c b m	ewom	rd m	40	37	33	-	3	1.30	0.0	
Chester (Sealand)	bccm m	c b m	b m b m	cr m	39	36	31	-	2	0.30	0.1	
Harrogate	b b c f	off	off F	off dd	43	33	32	-	1	2.30	2.7	
Spurn Head	b b m	cm c	bcc off	off o	40	33	-	Tr 11.00	Tr	22.00	2.5	
Birmingham (Edgbaston)	b m f	F c f	F f o	m c	37	33	33	Tr	-	-	0.0	
Oranwell	b c m	b m	FF Fe	b f e m	42	31	26	-	0.2	-	2.2	
Gorleston	c b c	c	c	c	45	37	36	-	-	-	2.5	
Valentia (Cahirciveen)	orr	orr d c	cr bc	bc w	53	39	34	12 48.00	0.3	21.00	0.0	
Roche Point	codd	odd or	orr	or bc b	50	43	-	5 9.00	5	21.00	-	
Pembroke (St. Ann's R.)	c	c	orr m	orr f d	49	48	-	-	9	22.00	0.0	
Rose-on-Wye	c f f x	c f f	c f x o f	om r o	34	32	26	-	0.6	4.30	0.0	
Leafield	F f o	F f o	F f o	f f o	36	31	30	0.1	0.1	-	0.0	
Winchester (Worthy Dn)	om f f	of e f e	of e f e	of e f e m	34	30	30	0.2	0.1	-	0.0	
B. Farnborough	of e	of e	of e	of e f	38	33	33	0.1	0.1	-	0.0	
London (Kew Obs.)	of u	of u	of u	cm v l	37	33	33	Tr 48.00	Tr	-	0.0	
Oxendon	of e f e	of e f e	of e f e	of e m	37	31	30	Tr	0.1	-	0.0	
Sheerness	b m of	off e	off e	of c f e	39	31	30	-	Tr	21.00	0.7	
Olacton-on-Sea	b m	b m f f	b f o m	om e m	39	31	29	-	-	-	0.6	
Felixstowe	b m b c	b c m of	of o m	om e m	44	34	35	-	-	-	4.3	
Lynnh	b m of	cm of	of c m	om	39	33	26	-	-	-	0.0	
Scilly (St. Mary's)	c	c	cor	orr d	60	48	-	-	1	24.00	0.0	
Falmouth (Pendennis)	c	c	cg	cr	49	48	-	-	Tr	3.30	0.0	
Plymouth (Cattewater)	b f e c	c	co	or r d d	49	48	44	Tr	2	4.30	1.3	
Portland Bill	bcc	cm	bc c	c	48	45	-	-	-	-	-	
Southampton (Calshot)	b m f c	b f e f e	off e	off e	36	35	34	0.1	Tr	-	0.0	
Dungeness	m m c	c f f	c f m m	om f o	41	34	-	-	-	-	-	
Guernsey	bcc f	c v	cm b c b	c	51	44	-	-	-	-	0.6	

Districts.

Forecasts for the 24 hours commencing 12 Noon G.M.T. Wednesday, 19th December, 1928.

Further Outlook.

1. S.E. England	Wind south, light, veering later; dull, some light rain or drizzle this evening; misty; improving tomorrow; moderate temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	Wind southwest, light or moderate, veering later; dull, some rain or drizzle at first, then improving; local morning mist or fog; mild; ground frost locally at night.
5. S.W. England	
6. South Wales	
7. North Wales	Wind variable, light; dull, some rain or drizzle; misty; then improving; moderate temperature.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	Wind S. to S.W., light to moderate; variable skies; mild; ground frost locally at night.
13. A.W. Scotland	
14. N.W. Scotland	
15. Mid-Scotland	
16. N.E. Scotland	
17. Orkneys and Shetlands	
18. N.W. Ireland	Wind variable to westerly, light to moderate; mainly fine; local morning fog; mild; ground frost inland at night.
19. N.E. Ireland	
20. S.E. Ireland	
21. S.W. Ireland	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2.

Forecasts issued at

0900 G.M.T.

G. C. SIMPSON, F.R.S. Director

For code see page 1

† Trace = rain has fallen, but amount less than 0.1 mm.

No. 354

†₄ See footnote page 1



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.24,500.

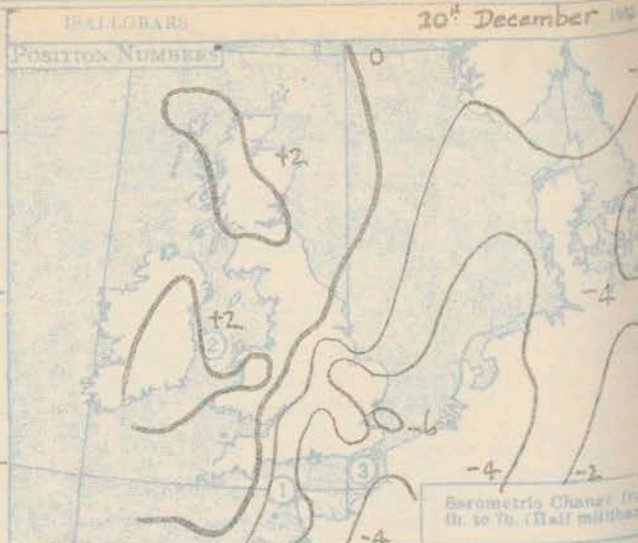
THURSDAY 20th DECEMBER 1928.

Page 1.

Observations at 1st G.M.T. 12 ^h															Observations at 1st G.M.T. 12 ^h														
STATIONS.		Barom. at 1st G.M.T. 12 ^h	Change in 3 Hours	Wind.		Weather.	Temp.	Humidity.	Visibility.	Cloud.				Barom. at 1st G.M.T. 12 ^h	Change in 3 Hours	Wind.		Weather.	Temp.	Humidity.	Visibility.	Cloud.				Barom. at 1st G.M.T. 12 ^h	Change in 3 Hours		
(For heights see p. 4.)				Dirac.	Force					Low.	Upper.	Total.	State of ground.			Dirac.	Force					Low.	Upper.	Total.	State of ground.				
		mb.					°F.	%	0-9	Feet	Form	Amt.	0-10		mb.				°F.	%	0-9	Feet	Form	Amt.	0-10				
Leamington	...	1017.3	-1	SW	2	c/p	46	85	8	1500	C.Nb	6	AST	9	1015.7	-2	SW	1	c/p	45	85	8	1500	C.Nb	5	AST	9		
Stornoway	...	1017.3	-4	SW	1	bc/p	44	92	7	4000	C.Nb	6	-	6	1016.8	-1	-	0	b-	37	97	3	4000	C	2	-	2		
Wick	...	1019.1	-2	SSW	2	c	44	92	8	1500	St	8	CST	10	1016.4	-3	WNW	1	off	41	97	7	1500	St	10	-	10		
Three	...	1019.5	-3	WNW	5	cd	45	97	7	800	Nb	10	-	10	1018.6	0	NW	1	bc/p	42	97	7	1500	C.Nb	2	AST	4		
Nairn	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1017.4	...	...	0	off	40	92	7	800	Nb	10	-	10		
Aberdeen	...	1021.3	-3	NW	4	c	40	97	5	-	-	0	AST	8	1018.6	-3	SSW	2	off	42	85	4	-	Nb	0	AST	10		
Malin Head	...	1021.0	-4	S	4	c	47	97	7	2500	St	9	-	9	1019.5	0	W	3	c/p	43	97	8	4000	C.Nb	1	CST	9		
Renfrew	...	1023.1	-3	SW'S	3	c	45	92	5	1500	St	9	AST	10	1018.9	-5	SSW	3	off	44	92	5	800	St	10	-	10		
Edinburgh (Inchkeith)	...	1023.7	-2	WSW	2	c	45	85	5	800	St	6	AST	10	1020.7	-2	WSW	2	0	43	85	7	800	St	10	-	10		
Leuchars	...	1022.4	-2	SW	2	c	42	92	6	-	-	0	AST	9	1018.9	-4	SW	2	c	42	85	6	4000	St	4	AST	10		
Redbankmair	...	1024.3	-2	SW'S	2	ffo	41	97	3	4150	St	10	-	10	1020.8	-4	SW	4	off	41	97	4	220	St	10	-	10		
Clymornmouth	...	1024.2	-2	SW	2	ffo	41	97	3	1500	Nb	10	-	10	1022.6	-2	WSW	2	ffo	39	97	3	1500	St	10	-	10		
Blackhead Point	...	1021.2	-2	WSW	5	off	50	85	7	8	Nb	10	-	10	1020.8	0	WNW	3	c/d	46	85	8	-	-	0	AST	10		
Donaghadee	...	1023.6	-4	SW'S	2	bc/p	45	97	7	4000	St	4	AST	6	1020.7	-5	SW	2	c	44	92	6	2500	Nb	9	-	9		
Birr Castle	...	1026.1	...	S	1	c	45	97	7	1500	St	8	-	8	1023.9	...	S	1	off	46	92	6	800	Nb	10	-	10		
Holyhead	...	1026.0	-2	W'S	2	cb	48	92	7	800	St	9	-	9	1023.4	-4	SW'S	3	c	47	92	7	1500	St	3	AST	10		
Liverpool (Bidston)	...	1025.6	-3	SSW	1	mm	45	92	4	2500	Nb	10	-	10	1023.8	-2	WSW	2	b-	43	97	7	2500	St	2	-	2		
Chester (Sealand)	...	1025.6	-2	SE	2	mm	45	97	4	2500	St	7	C	8	1024.1	-2	SW	2	Fb	38	97	0	-	-	0	-	0		
Harrogate	...	1026.0	-3	SSW	2	FFo	38	97	1	4150	St	10	-	10	1023.6	-1	SSW	1	off	42	97	5	2500	St	10	-	10		
Spurn Head	...	1026.7	-1	SW	4	mm	39	97	4	220	St	10	-	10	1023.6	-2	SW	4	ffo	41	97	3	1500	St	10	-	10		
Armingham (Edgbeaton)	...	1027.0	-3	SSW	3	bc/p	43	97	3	1500	Nb	7	-	7	1025.2	-2	SSW	2	ffo	45	97	3	1500	St	10	-	10		
Oranwell	...	1027.8	-4	SW'S	3	off	42	97	5	800	St	10	-	10	1026.3	-2	SW	2	0	43	97	5	800	St	10	-	10		
Gosleston	...	1029.7	-3	SSW	3	c	40	85	6	5700	St	5	AST	10	1027.7	-2	SSW	3	c	40	97	6	4000	St	10	-	10		
Valentia (Cahirvean)	...	1027.7	-3	SW	2	c	49	85	8	1500	St	2	CST	8	1024.4	-4	SW	4	off	50	85	8	1500	St	7	AST	10		
Roches Point	...	1028.4	-1	NW	1	b	45	97	8	2500	St	2	-	2	1025.7	-2	W	2	c	45	97	8	2500	St	8	-	8		
Pembroke (St. Ann's H.)	...	1026.0	-1	SW	1	cl	49	97	7	1500	Nb	8	AST	10	1025.7	-1	WSW	1	bc	47	92	8	2500	St	4	CST	7		
Ross-on-Wye	...	1026.9	-2	SSW	3	0	47	92	6	2500	St	10	-	10	1025.0	-2	SW	2	off	48	92	6	1500	St	10	-	10		
Leafield	...	1027.9	-2	S	4	off	42	97	2	4150	St	10	-	10	1025.9	-2	SW'S	3	FFo	43	97	1	220	St	10	-	10		
Winchester (Worthing Dn)	...	1029.7	-2	S'E	1	off	44	97	3	2500	St	10	-	10	1027.5	-2	S	1	off	45	97	3	4150	St	10	-	10		
S. Farnborough	...	1029.9	-3	S'E	2	ffo	41	97	3	-	-	0	AST	10	1027.3	-3	S	2	ffo	45	97	3	5700	St	9	-	9		
London (Kew Obs.)	...	1029.6	-3	SSW	2	c	43	97	5	2500	St	10	-	10	1027.5	-1	SSW	1	off	44	97	4	800	St	10	-	10		
Croydon	...	1029.7	-4	SSW	4	c	44	85	5	4000	St	8	AST	10	1027.6	-2	SW'S	3	off	44	97	5	1500	Nb	10	-	10		
Shoreham	...	1030.4	-3	SSW	2	c/p	43	92	7	4000	St	4	AST	8	1028.2	-1	S	2	off	43	97	7	1500	Nb	10	-	10		
Ordnance-on-Sea	...	1030.7	-3	S	3	c	41	92	3	2500	St	8	AST	10	1028.2	-2	SSW	3	C	43	85	5	4000	St	4	AST	8		
Felicitous	...	1030.6	-2	S'E	3	c	42	85	6	1500	St	7	AST	10	1028.6	-2	S	3	off	43	97	4	450	St	10	-	10		
Lymington	...	1030.6	-2	S'E	3	c	42	85	6	1500	St	7	AST	10	1028.6	-2	S	3	off	43	97	4	450	St	10	-	10		
Gilly (St. Mary's)	...	1028.4	0	SW	3	c/p	51	97	6	800	St	8	-	8	1027.8	0	WNW	2	bc	47	97	8	4000	St	2	CST	6		
Falmouth (Pendennis)	...	1028.8	-2	SWW	3	c/d	50	97	7	4000	St	10	-	10	1027.3	-1	NW	1	bc	48	97	7	4000	St	6	AST	9		
Plymouth (Cattewater)	...	1028.3	-1	SW	3	off	49	97	5	220	St	10	-	10	1027.5	-1	W	3	0	49	97	6	450	St	10	-	10		
Portland Bill	...	1028.8	-3	SW	4	c/d	50	92	6	1500	St	7	AST	10	1027.3	-1	SW	4	off	50	92	5	1500	St	10	-	10		
Southampton (Cattewater)	...	1029.7	-2	SE	2	mm	45	97	4	4150	St	10	-	10	1027.6	-2	SWW	3	off	47	97	7	1500	St	10	-	10		
Amherst	...	1031.0	-2	SSW	3	0	44	85	7	800	St	10	-	10	1029.1	-2	SSW	3	off	45	97	6	2500	Nb	10	-	10		
Guernsey (Fort George)	...	1030.3	-2	WSW	2	c	49	85	7	2500	St	7	AST	9	1029.6	-1	WSW	2	c	49	85	8	1500	St	4	AST	8		
LONDON OBSERVATIONS.															ATMOSPHERIC POLLUTION.														
Day 7h-11h, Kew & Croydon.															Milligrams of Solid Impurity per cubic metre.														
5h-11h, Kensington.															24 Hr. ended 7h G.M.T. 20 ^h														
11h-21h, other stations.															South Kensington														
Kew															Max. Time. Min. Time.														
Croydon															3.2 11.15 6.3 6.24														
Greenwich (Royal Obs.)															Eew Observatory														
City (Bunhill Row)															Max. Time. Min. Time.														
Westminster (St. James' Pk.)															Polaris														
Regent's Pk. (Botanic Gdn.)															8 Uranus														
Camden Square															Minors														
Kensington Palace																													
Hampton Observatory																													
TABLE SHOWING THE GREENWICH TIMES OF RISING, NOON, AND SETTING.															BEAUFORT NOTATION OF WEATHERS.														
20 ^h 22 ^h December, 1902.															The BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.														
STATIONS.															SEA DISTURBANCE.														
Sunrise. Noon. Sunset.															0=no swell. 1=mod. swell. 2=heavy swell. 3=no swell. 4=mod. swell. 5=heavy swell. 6=rough sea. 7=very rough sea. 8=mountainous sea.														
G.M.T. 8.4 11.51 15.37															0=Calm or slight. 1=Moderate. 2=Severe.														
G.M.T. 8.5 11.51 15.38																													
G.M.T. 8.6 11.58 15.50																													
G.M.T. 8.6 11.58 15.51																													
G.M.T. 9.4 12.10 15.16																													
G.M.T. 9.5 12.10 15.19																													
G.M.T. 8.48 12.39 15.26																													
G.M.T. 8.49 12.39 15.29																													
b blue sky (not more than a quarter covered with cloud).															x hoar frost. y dry air.														
bc sky partly cloudy (one half covered).															z dust haze; the turbid atmosphere of dry weather.														
c generally cloudy.															h(r) "hall" or "rain and hail."														
d drizzle. e wet air. f gloomy.															Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.														
f fog, visibility 200-1000 m.															R = heavy rain. r = slight rain.														
g thick fog, " less than 200 m.															rr = continuous rain.														
h hail. i intermittent.															SYMBOLS.														
j precipitation within sight of station.															< = (less than (for cloud height).														
k line squall. l lightning.															G = solar halo. W = lunar halo.														
m overcast sky. n passing showers.															With present weather is combined, when it is possible, the general character of the weather.														
o equally. p rain. s snow.															A "solidus" divides actual existing weather from preceding conditions.														
q short. t thunder.															- = has decreased; + = has increased.														
u ugly, threatening sky.																													
v unusual visibility. w dew.																													

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUM 12 ^h Hours.
	7h-12h 12 ^h	12h-18h 12 ^h	18h-12h to 12h 20 ^h	12h-7h 20 ^h	Max. Day.	Min. Night.	Min. on 12h-7h	Day 7h-18h mm. began.	Night 18h-7h mm. began.	Hours.	
Lerwick	bcpr, c	cpr	or, r	or, bc	47	38	.	2 48.00	8 21.00	0.0	
Stornoway	e	bcpr, bm	cpr, bc	bcpr, bc	45	34	.	1 11.00	2 24.00	0.0	
Wick	e	or, r	or, bc	bc	45	35	.	4 14.30	3 21.00	0.0	
Tiree	r, d	p, d, bc	b, R, bc	b, bc	48	38	31	11 48.00	3 21.00	0.0	
Nairn	bc	cpr	re, bc	bc	45	32	.	1 16.30	1 21.00	0.2	
Aberdeen	bc, fm	cm, fz	c, or, r	c	42	35	31	-	3 21.00	0.0	
Malin Head	ce	c, R, c	bc, bcpr	bc, pr	47	43	.	5 13.30	2 21.00	0.6	
Benfrew	cm, fm	cb, cm, T	or, cm	bc	45	30	22	0.4 17.30	1 21.00	0.0	
Edinburgh (Inchkeith)	bc, cm	cm, o	or, bc	bc	44	37	33	-	0.2 21.00	0.0	
Leuchars	bc, cm	cm	cm, cm	cm, bc	42	32	25	-	1 21.00	0.0	
Blackdalemuir	cm, of	cm, dm	or, cm	bc	41	33	30	17.30	3 21.00	0.0	
Tynemouth	or, ff	off	off, r	or, o	44	38	35	1 48.00	1 22.00	.	
Blackod Point	cr	d, c	bc	p, bc	50	42	.	2	1	.	
Dunghadree	bc, ff	cm, m	c, bc	bc	45	39	.	1 16.30	0.3 21.00	.	
Birr Castle	off, c	or, T	or, c	bc	46	34	27	0.1 16.30	7 21.00	0.3	
Holyhead	bc, cm, c	c	or, r	or, bc	50	44	42	-	10 21.00	2.1	
Liverpool (Bidston)	d, m, c	cm, cb	bc, or	or, c	46	40	35	0.1 48.00	5 22.00	0.0	
Chester (Sealand)	cr, m, m	cm, b, F	bc, or	or, c	46	37	32	0.4 48.00	5 22.00	0.0	
Harrogate	off, d	off, o	o	or, c	43	33	34	1 48.00	0.4 2.30	0.0	
Spurn Head	ap	cm, off	off, or	or, r	41	36	34	1 9.00	3 21.00	0.0	
Birmingham (Edgbaston)	or, d, d	cd, of	off, bc	or, r	45	40	38	1 48.00	5 2.30	0.0	
Cranwell	F, cm	d, cm	ad, bc	cm, or, r	43	40	39	0.1 12.30	4 21.00	0.0	
Gorleston	c	c	ad, d	ad, d	42	40	39	-	1 22.00	0.0	
Valentia (Cahirciveen)	bc, c	c, r	or, c	c, bc	50	45	40	0.2 17.30	5 3.30	0.2	
Roche Point	b	b, bc, c	or, c	c, bc	47	42	.	-	4 22.00	.	
Pembroke (St. Ann's H.)	cd, if	c, bc	bc, or	bc, or, m	51	44	.	0.4 9.00	5 24.00	0.0	
Ross-on-Wye	d, o, c	o, c	bc, c	cm, o	48	43	40	0.1 48.00	2 4.30	0.0	
Leafield	ff, d, f	om, id, F	of, d, c	or	43	39	36	0.6 11.00	1 21.00	0.0	
Winchester (Worley Dn)	om, ff, d	off, id	of, m, d	or, c	45	40	38	0.2 12.30	1 21.00	0.0	
S. Farnborough	off, of	of, f	of, m	or, c	45	41	35	1 11.00	0.4 21.00	0.0	
London (Kew Obs.)	of, cm	cm, d	or, d	cm	44	43	40	0.3 9.00	0.6 21.00	0.0	
Croydon	or, m	cm, d, d	or, r	or, bc	45	44	39	0.2 11.00	1 21.00	0.0	
Shoeburyness	cf, bc	cd, d	or, c	bc, or	44	41	38	0.1 16.30	1 21.00	0.0	
Olacton-on-Sea	cm, c	cm, c	or, d, bc	or, bc	43	42	41	-	0.6 21.00	0.0	
Fellistown	cm, of, c	cm	or, d, c	cm	43	42	41	-	0.6 21.00	0.0	
Lymington	cm	or, d, d	or, d, m	or, d, F	43	42	42	0.3 15.30	3 21.00	0.0	
Seilly (St. Mary's)	od, d, c	y, of, y	bc, bc	bc, or, bc	52	46	.	0.3 48.00	1 2.30	0.3	
Falmouth (Pendennis)	cm, d	cm, d	c	c, pr	50	45	.	0.1 48.00	1 2.30	0.0	
Plymouth (Cattewater)	od, d, bc	ad, d, m	or, c	or, c	51	46	43	1 48.00	0.5 21.00	0.0	
Portland Bill	cd, d, c	cd, m	or, d, c	bc	51	47	.	0.1 11.00	4 21.00	.	
Southampton (Calshot)	off, cm	cd, d, m	or, d, m	or, d, c	48	43	40	0.1 15.30	1 21.00	0.0	
Dungeness	o	or, d	or, d, r	or, d, r	46	47	.	1 14.30	5 21.00	.	
Guernsey	cv	c	or, d, r	or, d, r	49	47	.	-	2 21.00	0.5	



Position	Date and Time	Steamship	Wind		Weather	Temp	
			Dir.	Force		Air	Sea
2	13 ^{10h}	Cambria	ESE	1	ifb	44	51
3	20 ^{2h}	Arundel	SW	5	d/c	48	50

GENERAL INFERENCE.

A shallow depression over the North Sea is moving away eastwards, while an anticyclone persists off our southwest coasts. An interval of mainly fair weather will occur in all districts, apart from some local showers in northwest coastal districts.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Thursday, 20th December, 1928.
1. S.E. England	Wind W. to N.W., moderate to light; mainly fair; local morning mist or fog; rather mild; local ground frost at night.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind N.W. to W., moderate to fresh locally at first; bright intervals; some local showers; rather mild; local ground frost inland at night.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	As 1 - 4.
10. N.E. England	
11. S.E. Scotland	Wind W., light to moderate; cloudy, brighter intervals; some showers; rather mild.
12. S.W. Scotland & Isle of Man	
13. N.W. Scotland	
14. Mid-Scotland	
15. N.E. Scotland	Wind W., light to moderate; bright intervals; a few local showers; probably deteriorating later; rather mild; local ground frost inland at night.
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.

Rather unsettled and mild.

SYNOPTIC CHART FOR 7h. THURSDAY, 20th DECEMBER, 1928

Nautical Miles
Statute Miles

Scale - 1:10,000,000

LOW

1541 Rain

Barometric
Cloudy +0
Cloudy -3

LOW.

032 Fine +1

changes

1541 Heavy Showers.

slight.

534 Fine +1

540 Fine

Barometer

037 Fine

535 Fine

1036 Fine

Barometer

527 Cloudy

1034 Obcast.

25 Mist.

1020

1022

1024

1026

1028

Rising

1047 Fine

535 Fine

546 Cloudy.

21 Heavy Showers

541 Cloudy.

546 Fine

1047 Fine

548 Cloudy.

1048 Cloudy.

Falling

1036 Obcast.

532 Fog.

230 Obcast.

HIGH.

28 Obcast.

1028

1026

102

"MELITA"
53 Sea Obcast.

HIGH.

slowly.

EXPLANATION.
BAROMETER. Isohars are drawn for intervals of two millibars.
WIND. Arrows fly with the wind. Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour is given in small circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.
Clear sky. "Osky" less than 1 clouded.
"Osky" 1 to 3 "Osky" more than 1 clouded.
"Osky" 4 to 6 "Osky" 1 clouded.
"Osky" 7 to 9 "Osky" 2 clouded.
"Osky" 10 to 12 "Osky" 3 clouded.
"Osky" 13 to 15 "Osky" 4 clouded.
"Osky" 16 to 18 "Osky" 5 clouded.
"Osky" 19 to 21 "Osky" 6 clouded.
"Osky" 22 to 24 "Osky" 7 clouded.
"Osky" 25 to 27 "Osky" 8 clouded.
"Osky" 28 to 30 "Osky" 9 clouded.
"Osky" 31 to 33 "Osky" 10 clouded.
"Osky" 34 to 36 "Osky" 11 clouded.
"Osky" 37 to 39 "Osky" 12 clouded.
"Osky" 40 to 42 "Osky" 13 clouded.
"Osky" 43 to 45 "Osky" 14 clouded.
"Osky" 46 to 48 "Osky" 15 clouded.
"Osky" 49 to 51 "Osky" 16 clouded.
"Osky" 52 to 54 "Osky" 17 clouded.
"Osky" 55 to 57 "Osky" 18 clouded.
"Osky" 58 to 60 "Osky" 19 clouded.
"Osky" 61 to 63 "Osky" 20 clouded.
"Osky" 64 to 66 "Osky" 21 clouded.
"Osky" 67 to 69 "Osky" 22 clouded.
"Osky" 70 to 72 "Osky" 23 clouded.
"Osky" 73 to 75 "Osky" 24 clouded.
"Osky" 76 to 78 "Osky" 25 clouded.
"Osky" 79 to 81 "Osky" 26 clouded.
"Osky" 82 to 84 "Osky" 27 clouded.
"Osky" 85 to 87 "Osky" 28 clouded.
"Osky" 88 to 90 "Osky" 29 clouded.
"Osky" 91 to 93 "Osky" 30 clouded.
"Osky" 94 to 96 "Osky" 31 clouded.
"Osky" 97 to 99 "Osky" 32 clouded.
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....THURSDAY, 20th DECEMBER, 1928.

No. 355.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 12th December

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* The observations at 11 h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station.

4 For code see page 1.

91 See footnote 90.

At stations marked thus the maximum temperature is for the period 21h. - 17h., the minimum for the period 21h. - 0h. + 12h. - 0h.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

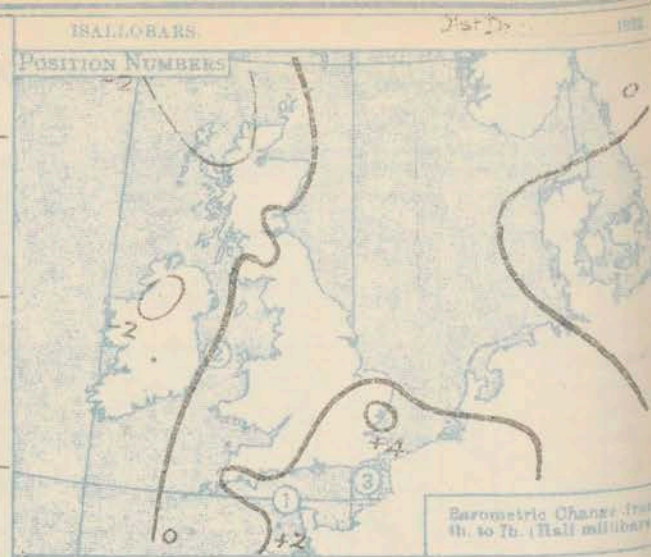
No. B. 2450.

Frid. ev. 21st December 1928

Page 1.

‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS											
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL†			HOURS.
	7h-12h 20	12h-18h 20	18h-24h 20	1h-7h 21	MAX. Day	MIN. Night	MIN. on 7h-18h	Day 7h-18h mm.	Night 18h-7h mm.	24h mm.	
Lerwick	bc	bc	b	hocc	43	36	.	-	-	3.2	
Stornoway	c	c	corr	r-d	41	38	.	-	-	0.0	
Wick	pr. bc	b-bc	bbc	cd. d	40	34	.	1	9.00	0.1	0.0
Tiree	bc	co	bd. o	cd. o	46	42	38	-	-	2.1	
Nairn	bc	bc	bxc	cd. o	38	33	.	-	-	0.1	
Aberdeen	b	b	x	xc	42	35	22	-	-	5.1	
Malin Head	bc. p.	bc. p.	bc. p. r.	bc. p. r.	47	42	.	Tr	48.00	3	1.6
Renfrew	bc. m.	bc. m.	bc. m.	bc. m.	41	31	24	-	-	4.30	3.7
Edinburgh (Inchkeith)	b-bc	bc. m.	bc. m.	bc. m.	41	35	31	-	-	Tr	4.4
Leith	bc. b	bc. b	bc. b	bc. b	41	31	25	-	-	0.1	4.4
Wickham	b	b	b	b	41	23	20	-	-	-	4.6
Tynemouth	o bc	bc	bc	bc	44	33	28	-	-	-	.
Blackhead Point	d. c	r. c	r. c	d. o	48	46	.	2	0.5	.	.
Donaghadee	pr. bc	bcc	c	cir.	44	39	.	0.5	9.00	0.3	1.30
Birr Castle	bcc	cm.	cd. d.	cd. d.	42	40	38	-	-	1	0.0
Holyhead	bc. u	c	c	c	46	44	41	-	-	-	2.7
Liverpool (Bidston)	cp. b	bcc b	bcc b	bcc b	42	32	29	Tr	9.00	Tr	4.2
Chester (Sealand)	cp. b	bcc b	bcc b	bcc b	44	27	25	0.1	48.00	-	3.7
Harrogate	cbc	cbc	b	b	41	31	26	-	-	-	3.1
Spurn Head	o cpr	cbc	bc. p. r.	bc. p. r.	42	34	.	0.5	48.00	0.2	0.1
Birmingham (Edgbaston)	bc	bc. m.	bc. m.	bc. m.	42	29	27	-	-	-	1.1
Oranwell	o. r. c	c. b	bc. m.	bc. m.	41	29	26	0.5	48.00	-	0.1
Gorleston	cm. o. r.	o. r.	o. r.	bc. x	44	36	33	3	11.00	0.4	0.0
Valentia (Cahiroivean)	bc. p.	cp. c	cp. c	od. o	49	48	43	0.1	12.00	0.2	0.3
Roches Point	b. bc. c	c	c	o. r. c	46	44	.	-	-	2	2.00
Pembroke (St. Ann's H.)	bc	bcc	c	c	47	43	.	-	-	-	3.9
Rosa-on-Wye	cb. bc	cb. bc	bc. x	bc. x	45	25	18	-	-	-	3.8
Leafeld	OR. bc	cbc	b	b	41	26	17	2	48.00	-	0.4
Winchester (Worthy Dn)	cr. c	c	cb. bc	b	45	30	20	Tr	48.00	-	1.4
S. Farnborough	cr. r. c	cm.	bc. m.	bc. m.	43	32	25	3	9.00	Tr	0.0
London (Kew Obsy.)	cr. m.	cm.	bc. m.	bc. m.	44	34	27	3	48.00	Tr	0.0
Oxford	cm. r. r.	cm. r. r.	bc. m.	bc. m.	44	35	30	4	9.00	0.2	0.0
Shoeburyness	o. r. c	cr. r.	o. r. c	bc. m.	45	32	29	4	9.00	Tr	0.3
Oulton-on-Sea	bc. o. r.	o. r.	o. r. c	bc. m.	44	35	33	4	9.00	1	0.0
Felixstowe	cm. o. r.	o. r. c	o. r. c	bc. m.	43	37	34	5	11.00	0.1	0.0
Lymington	o. r. c	o. r. c	o. r. c	bc. m.	46	37	35	7	48.00	1	0.0
Scilly (St. Mary's)	bc. p.	cp. c	c	cor.	48	45	.	0.5	9.00	0.2	0.5
Falmouth (Pendennis)	cp. bc	c	bc. p.	c	49	44	.	0.1	48.00	0.1	2.5
Plymouth (Cattewater)	cr. p. r. b	bc. p. r. b	bc. p. r. b	bc. p. r. b	48	39	32	0.1	48.00	Tr	3.6
Portland Bill	o. r. c	bcc	bc. p. r. b	bc. p. r. b	50	35	.	Tr	48.00	-	.
Southampton (Calshot)	cr. bc. m.	bc. m.	bc. m.	bc. m.	46	33	24	0.3	9.00	-	1.1
Dungeness	o. r. c	o. r. c	o. r. c	bc. m.	48	.	.	5	48.00	1	.
Guernsey	cir. c	cor.	cb. bc	bc	49	42	.	1	9.00	-	0.7



Observations from Cross Channel Steamers.

Position	Date and Time	Steamship	Wind		Weather	Temp.	
			Dir.	Force		Air	Sea
2	20 10h	Cambria	NW	5	C	44	51
1	2 12h	St. Helier	NNW	5	bc	49	52
3	2 2h	Dieppe	N	5	C	46	49

GENERAL INFERENCE.

A large anticyclone persists to the southwest of Ireland, while a trough of relatively low pressure is moving eastwards across the British Isles. Weather will be dull with some drizzle in the west and north, followed later by an improvement, but over most of England fair weather is expected apart from local fog.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Friday, 21st December, 1928.
1. S.E. England	Light westerly breeze; fair, but cloud increasing; some mist and local fog persisting in places today, becoming more general at night. Moderate temperature.
2. E. England	
3. E. Midlands	
4. W. Midlands	Wind variable to westerly, light; dull, some drizzle; improving later; early morning fog in places; moderate temperature.
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Light westerly breeze; cloudy, perhaps some local drizzle; local coastal mist or fog; moderate temperature.
10. N.E. England	
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	Wind between S.W. and W., light; dull, some drizzle; improving later; local fog night and morning; moderate day temperature, slight frost inland at night.
13. A.W. Scotland	
14. Mid-Scotland	
15. N.E. Scotland	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind westerly, light; dull, some drizzle at first; becoming fair; fog inland night and morning; moderate day temperature; ground frost at night.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.

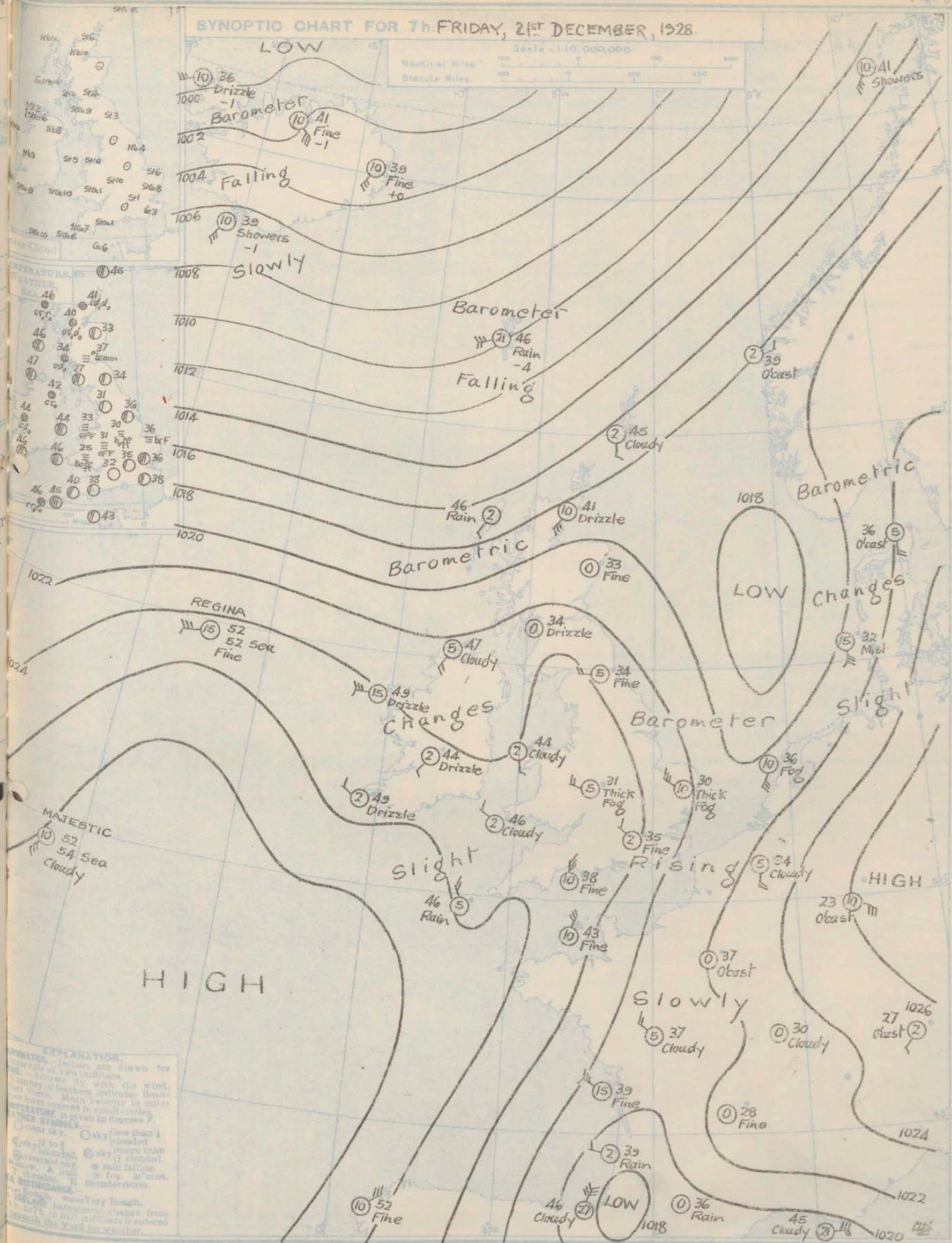
None issued.

SYNOPTIC CHART FOR 7th FRIDAY, 21st DECEMBER, 1928.

LOW

Scale - 1:10,000,000

Nautical Miles
Statute Miles



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION... Friday 21st December... 1928.

No. 356.

Page 4.		BRITISH SECTION.												FRENCH SECTION.													
		Observations at 10. G.M.T. 21st.												Observations at 7h. G.M.T. 21st.													
STATIONS.	Height above sea level in feet.	Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. in deg.	Humidity. %	Visibility in miles.	Cloud.			Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. in deg.	Humidity. %	Visibility in miles.	Cloud.			Barom. at M.S.L. in mb.	Change in 3 hours.	0-10	0-50
				Direc.	Force.					Height.	Form.	Amt.			Direc.	Force.					Height.	Form.	Amt.				
Larwick	64	1017.1	+1	-	0	b	36	92	7	1500	Sc	2	-	2	1017.4	0	S	1	c	45	92	7	1500	Sc	5	As	10
Stornoway	39	1019.5	-2	S	3	ccs	*	*	6					1016.8	-2	SW	1	ccs	46	97	6	2500	Nb	10		10	
Wick	81	1020.5	0	WNW	2	bc	35	92	8	2500	Sc	4	c	6	1018.2	-2	SW	3	ccs	41	92	8	1500	St	6	As	10
Tirce	32													1020.3	0	WS	1	c	46	97	8	1500	Nb	10		10	
Nairn	39													1019.1		-	0	ccs	40	92	7	800	Nb	10		10	
Aberdeen	37													1021.0	0	-	0	bc	33	85	6	-	-	0	As	7	0
Malin Head	51	1022.7	-2	S	1	ccs	43	97	6	4000	Nb	6	As	10	1022.7	-1	SW	2	c	47	97	6	2500	Sc	3	-	9
Kenfrew	35													1022.6	-1	-	0	ccs	34	97	3	800	St	10	-	10	
Edinburgh (Inchkeith)	160	1022.9	0	SW	2	mm	35	92	4	800	St	2	-	2	1022.9	-1	WNW	1	mm	37	92	4	800	St	4	-	4
Leuchars	90													1021.9	0	SW	2	c	34	97	7	2500	Sc	5	As	10	
Esksdalemuir	794													1021.0	0	-	0	c	37	92	6	2500	Sc	5	-	5	
Lynmouth	87	1024.0	+2	WNW	2	bc	35	85	6	800	St	3	-	3	1023.4	0	W	2	bc	34	92	6	800	St	3	-	3
Blackhead Point	18	1024.3	-1	W	2	C	49	92	7			0	As	10	1024.0	0	W	4	ccs	49	97	6		Nb	10	-	10
Donaghadee	40													1023.9	-1	SW	2	ccs	42	97	7	2500	Nb	8	-	8	
Birr Castle	173													1024.3	0	SW	1	ccs	44	97	6	800	Nb	2	As	5	
Holyhead	36	1024.4	0	NW	3	C	46	85	7	2500	Sc	3	-	3	1024.0	0	SE	2	ccs	44	97	6	2500	St	10	-	10
Liverpool (Bidston)	180													1024.7	0	SE	2	ccs	33	97	4	2500	St	10	-	10	
Chester (Sealand)	16													1024.6	0	SE	1	mm	36	97	4	4000	Sc	5	-	5	
Harrogate	478													1024.8	0	SW	1	b	31	85	7	-	-	0	ccs	1	
Spurn Head	29	1022.2	+1	NW	4	bc	36	92	6	4000	Nb	5	-	5	1023.2	+1	NW	4		36	92	6	4000	Nb	4	-	4
Birmingham (Edgbaston)	585													1025.9	0	WNW	2	ccs	31	97	1	450	St	10	-	10	
Cranwall	338	1023.6	+2	NW	2	ccs	32	92	2	-	-	0	-	0	1024.7	+1	WNW	3	ccs	30	97	3	-	-	0	-	0
Gorleston	14	1020.6	+2	WNW	3	bc	43	97	8	-	-	0	As	4	1023.0	+2	WNW	3	ccs	36	97	1	250	St	6	-	6
Valentia (Cahirvoanagh)	36	1027.0	0	W	1	C	49	97	9	-	Cmb	3	-	8	1025.4	-1	WNW	1	ccs	49	97	5	450	St	10	-	10
Roche Point	92													1025.6	-1	N	1	c	46	97	8	1500	Sc	9	-	9	
Pembroke (St. Ann's H.)	150	1024.9	+1	NW	1	C	45	75	8	4000	Sc	5	As	10	1024.8	0	NW	1	c	46	75	8	2500	Sc	10	-	10
Ross-on-Wye	220													1025.4	0	-	0	ccs	25	97	2	1000	Sc	1	As	3	
Leafield	102													1025.4	+1	WNW	1	b	27	92	5	-	-	0	-	0	
Winchester (Worthy Dn.)	272													1025.1	+1	NW	1	b	30	85	7	4000	Sc	1	-	1	
A. Farborough	237													1025.1	+1	NW	1	b	32	92	6	-	-	0	-	0	
London (Kew Obs.)	18						33							1024.7	+2	WNW	1	b	35	95	5	2500	Sc	10	-	10	
Croydon	244	1023.0	+1	WNW	2	ccs	33	85	4	1500	Nb	10	-	10	1024.7	+2	WNW	1	b	35	92	5	800	St	10	-	10
Shoeburyness	11													1023.6	+2	NW	2	b	33	97	6	-	-	0	As	1	
Olaeton-on-Sea	54													1023.1	+2	NW	4	b	33	97	3	500	Sc	8	-	8	
Felixstowe	15													1023.6	+5	WNW	4	ccs	38	97	3	800	St	10	-	10	
Lympe	350	1020.5	+2	NW	5	bc	33	85	6	1500	Sc	7	-	7	1022.3	+3	NW	5	c	37	97	6	1500	St	8	As	9
Seilly (St. Mary's)	183	1025.7	0	N	4	C	47	75	8	4000	Sc	3	-	3	1025.9	0	WNW	2	ccs	46	85	8	4000	Sc	10	-	10
Plymouth (Pendennis)	380	1024.8	0	NNE	3	C	45	75	7	4000	Sc	3	-	3	1025.5	+1	-	0	ccs	44	85	7	4000	Sc	10	-	10
Plymouth (Cattewater)	62													1025.8	+2	-	0	ccs	40	92	8	4000	Sc	10	-	10	
Portland Bill	33	1023.8	+2	NW	3	b	39	85	6	2500	Sc	1	-	1	1024.7	+1	NW	2	b	38	85	6	2500	Sc	10	-	10
Southampton (Calshot)	10	1023.9	+2	WNW	3	ccs	34	92	2	-	-	0	-	0	1025.2	+3	WNW	3	b	33	97	6	2500	Sc	10	-	10
Dungeness	30	1020.3	+2	WNW	3	C	40	92	7	1500	Sc	4	-	4	1021.9	+3	N	3	b	36	97	6	2500	Sc	10	-	10
Guernsey (Fort George)	285	1023.0	0	N	2	bc	43	85	8	2500	Sc	6	-	6	1025.2	+1	NNE	3	bc	43	85	8	2500	Sc	10	-	10

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR

Wednesday 20th December

WEATHER, TEMPERATURE, RAINFALL, SUNSHINE.														(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.														
	Forenoon.	Afternoon.	Min. 9h. to 12h.	Max. 12h. to 17h.	Night 17h. to 9h.	Day 9h. to 17h.	Shades to Sunlight.														
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)														
Berwick-on-Tweed	bc	bc	36	42	-	-	5.5	Bude	...	...	cpbe	bcc	45	48	3	0.2	3.2	1.7	
Douglas (I. o. M.) ...	c	bc	40	45	9	-	3.6	Penzance	...	...	clc	c	44	50	2	-	4.6	5.1	
Llandudno ...	pcbc	bcc	43	46	8	0.4	2.3	Paignton	...	...	ncpb	bbp	46	50	Trace	Trace	3.7	0.3	
Colwyn Bay ...	cb	bcc	43	45	9	-	1.2	Torquay	...	...	pb	bhc	45	50	0.2	Trace	3.7	0.3	
Rhyl ...	bcp	bc	40	45	3	0.2	3.7	Jersey	...	...	gro	re	46	50	6	5	0.3	3.7	
Wallasay ...	cbcb	b	40	43	6	-	4.3	Waymouth	...	...	c	bbcb	42	45	4	-	2.2	1.9	
Southport ...	b	bbcb	40	41	7	-	5.8	Bournemouth	...	...	cc	ob	38	46	2	-	2.2	1.9	
Blackpool ...	arcb	bcc	41	42	7	-	5.5	Ventnor	...	...	rfor	cbcz	43	47	4	Trace	1.9	1.2	
Ilkley ...	cbe	bc	34	45	3	-	2.6	Perthmouth (St. Thomas)	...	...	abc	cc	40	46	3	-	1.1	1.2	
Cleethorpes ...	fo	0	36	42	4	0.4	0.0	Bognor	...	...	rocb	cbc	42	47	2	0.5	1.2	1.0	
Skewness ...	prro	0	37	42	4	0.4	0.0	Littlehampton	...	...	crbc	bcc	41	47	2	1	1.0	0.4	
Aberystwyth ...	Rbce	bcp	42	46	5	0.5	2.4	Worthing	...	...	cir	c	41	46	2	2	0.6	0.6	
Bath ...	bc	bcp	41	48	6	Trace	1.0	Brighton	...	...	ccr	cc	40	47	3	3	0.6	0.6	
Cheltenham ...	cc	0	38	43	3	-	0.0	Eastbourne	...	...	ccr	cc	45	49	6	3	0.6	0.6	
Leamington Spa ...	ccr	cir	38	43	1	4	0.0	Hastings	...	...	opro	cc	43	48	4	3	0.6	0.6	
Lowestoft ...	ccr	ccr	37	43	1	4	0.0	Folkestone	...	...	ccr	cc	40	47	1	12	0.6	0.6	
Harwich & Dovercourt	ccr	ccr	37	43	1	4	0.0	Dover	...	...	ccr	cc	40	47	3	14	0.6	0.6	
Malden ...	ccr	ccr	34	44	1	4	0.0	Tunbridge Wells	...	...	ccr	cc	39	45	2	4	0.6	0.6	
Southend ...	ccr	ccr	36	43	1	3	0.0	Ramsgate	...	...	ccr	cc	39	47	2	7	0.6	0.6	
	ccr	ccr	36	43	1	3	0.0	Margate	...	...	ccr	cc	39	47	3	12	0.6	0.6	
	ccr	ccr	36	43	1	3	0.0	Deal	...	...	ccr	cc	39	47	3	12	0.6	0.6	

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received.

† The observations at 10 G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. § The code is page 1.

¶ At stations marked thus the maximum temperature is for the period 12h. to 17h., the minimum for the period 17h. to

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

No. B. 24502

Saturday, 22nd December 1928

Page 1

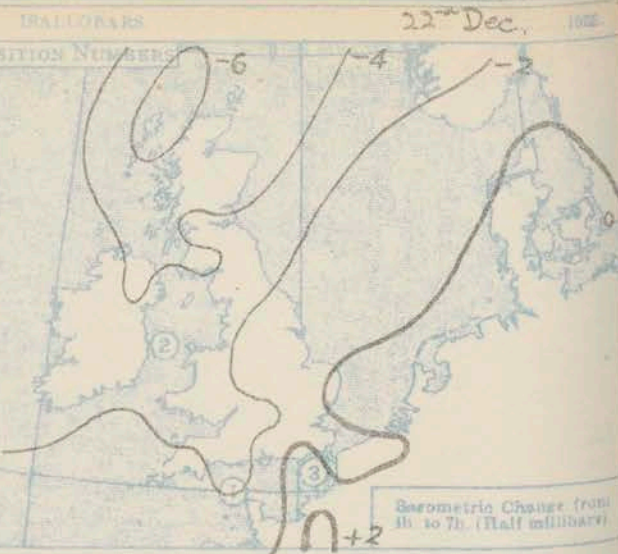
† Trace = rain has fallen, but amount less than 0.1 mm.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			Sun 21 st Hours.
	7h-10h 21 st	10h-12h 21 st	12h-2p 21 st	2p-7h 22 nd	MAX. Day.	MIN. Night.	MIN. on Ground.	Day 7h-12h	Night 12h-7h	24h	
Lerwick	CoToTo	OTOT	codod	cidot	47	45	.	2 9.00	2 12.00	0.0	
Stornoway	c	coebc	c	bcotog	47	42	.	0.3 18.00	0.5 2.30	0.0	
Wick	cdlogr	OTOT	b-bc	b-bc	45	39	.	3 18.00	-	.	
Tiree	pd.c	pd.c	pd.c	pt.to	48	44	42	0.1 18.00	2 12.00	0.5	
Nairn	drrc	cbc	bcgpo	bc	45	37	.	3 18.00	0.1 4.30	0.0	
Aberdeen	cfp.c	coioir	oifom	ocifb	40	30	25	0.6 9.00	-	0.0	
Malin Head	cmomid	ocimco	cm.d.c	cz	48	45	.	1 9.00	0.1 12.00	0.1	
Renfrew	offir.m	CT.d.m	cpobc	bcc	45	41	36	0.6 18.00	1 12.00	0.0	
Edinburgh (Inchkeith)	bcmmr	CTomr	cbcs	c	43	42	39	0.6 9.00	-	0.0	
Leuchars	oximr	CTomr	cm.bcc	c	41	36	32	1 9.00	-	0.0	
Eekdalemuir	cxoitf	oitd.cfe	oFfe	cidom	36	34	35	1 9.00	0.6 12.00	0.0	
Tynemouth	bcoff	bcoirff	ommm	ommm	41	39	37	0.2 15.30	0.1 12.00	.	
Blackhead Point	d.c	d.c	c	pr	50	48	.	1	2	.	
Donaghadee	idom	cid.c	c	c	47	44	.	0.5 18.00	-	.	
Birr Castle	cid.c	coid.c	oid.c	cid.c	50	44	39	0.1 17.30	0.3 12.00	0.5	
Holyhead	T.c	id.c	cm.	cm.c	48	46	44	0.1 18.00	-	0.0	
Liverpool (Bidston)	ofcf	cf	cfom.	o	40	40	39	1 18.00	0.1	0.3	
Chester (Sealand)	bcmff	cm.m	cm.	cm.	39	39	38	0.1 18.00	-	0.5	
Harrogate	bbc	bccd.	ocir	coir	40	39	37	1 17.30	1 12.00	2.3	
Spurn Head	bc	bcc	cmoffp	omoz	41	35	.	-	0.2 12.00	4.9	
Birmingham (Edgbaston)	FFb	fmbc	bcc	co	39	35	33	-	-	1.2	
Crawwell	bfb	f-m	effmm	PT.cm	37	33	31	-	1 12.00	5.1	
Gorleston	ffoe	bcmffbe	ffebcc	cxmm	44	31	30	1 12.00	-	1.8	
Valentia (Cashmere)	ad.c	cid.	cod.	cd.	50	46	44	0.1 18.00	1 12.00	0.0	
Roche Point	coir.c	coir.c	coir.	oioir	50	47	.	0.1 9.00	1 12.00	.	
Pembroke (St. Ann's H.)	cd.d	cd.	coir.m	co.	48	47	.	1 9.00	0.4 12.00	0.0	
Ross-on-Wye	bfb	cf	bcbfmd	co	39	33	27	-	0.2 12.00	3.5	
Islefield	fb	bifbc	c.bcc	c	42	30	28	0.3	1 12.00	5.3	
Winchester (Worthy Dn)	bxm	bccm.c	c.bcb	b.bcm	40	25	19	-	-	5.9	
S. Farnborough	bmbfem	bmbm.c	cm.bcf	bcbxc	42	28	20	-	1 12.00	4.9	
London (Kew Obs.)	bfxbm	bccfx	cfe	cfe.cd	41	29	21	-	1 6.30	3.0	
Oxford	cffbf	cb.cffx	c.bcfm	bfxmc	37	31	27	-	-	0.0	
Shoeburyness	bm	bmfe	ofe	cm.x	41	29	29	1 12.00	1 12.00	5.2	
Olacton-on-Sea	cmf	cfbm	bcmx	bcmxc	37	33	29	-	-	0.2	
Felixstowe	of	ofb	ofbcb	bcbcm	38	29	25	1 18.00	1 12.00	0.0	
Lymington	cmofcm	cbcmof	ofbcb	ofcm	37	26	21	-	1 12.00	0.2	
Scilly (St. Mary's)	oit	cod.d	ad.cbc	bccnd	48	45	.	1 18.00	0.3 12.00	0.0	
Falmouth (Pendennis)	CT.m	CT.	CT.	CT.	47	45	.	0.1 9.00	1 12.00	0.0	
Plymouth (Cattewater)	bcmofbc	cbcm.	cm.bcc	bcm.dcd	47	42	37	-	2 12.00	1.0	
Portland Bill	b	bc	cbc	C.cd	45	41	.	-	1 6.30	.	
Southampton (Calshot)	bmx	bm.cob	bmbcb	bmbcb	41	30	20	-	1 12.00	6.3	
Dunagee	bc	bobm	bmbcb	x.bcf	41	.	.	-	-	4.4	
Guernsey	bc	bcmmb	bcb	bccr	45	41	.	-	-	.	



Observations from Cross Channel Steamers.

Latitude.	Date and Time.	Steamship.	Wind.		Weather.	Temp.		Visibility.
			Dir.	Force.		Air.	Sea.	
2	21 st 10h	Hibernia	SW	3	c	47	50	8
3	22 nd 2h	Arundel	-	0	bc	50	48	7

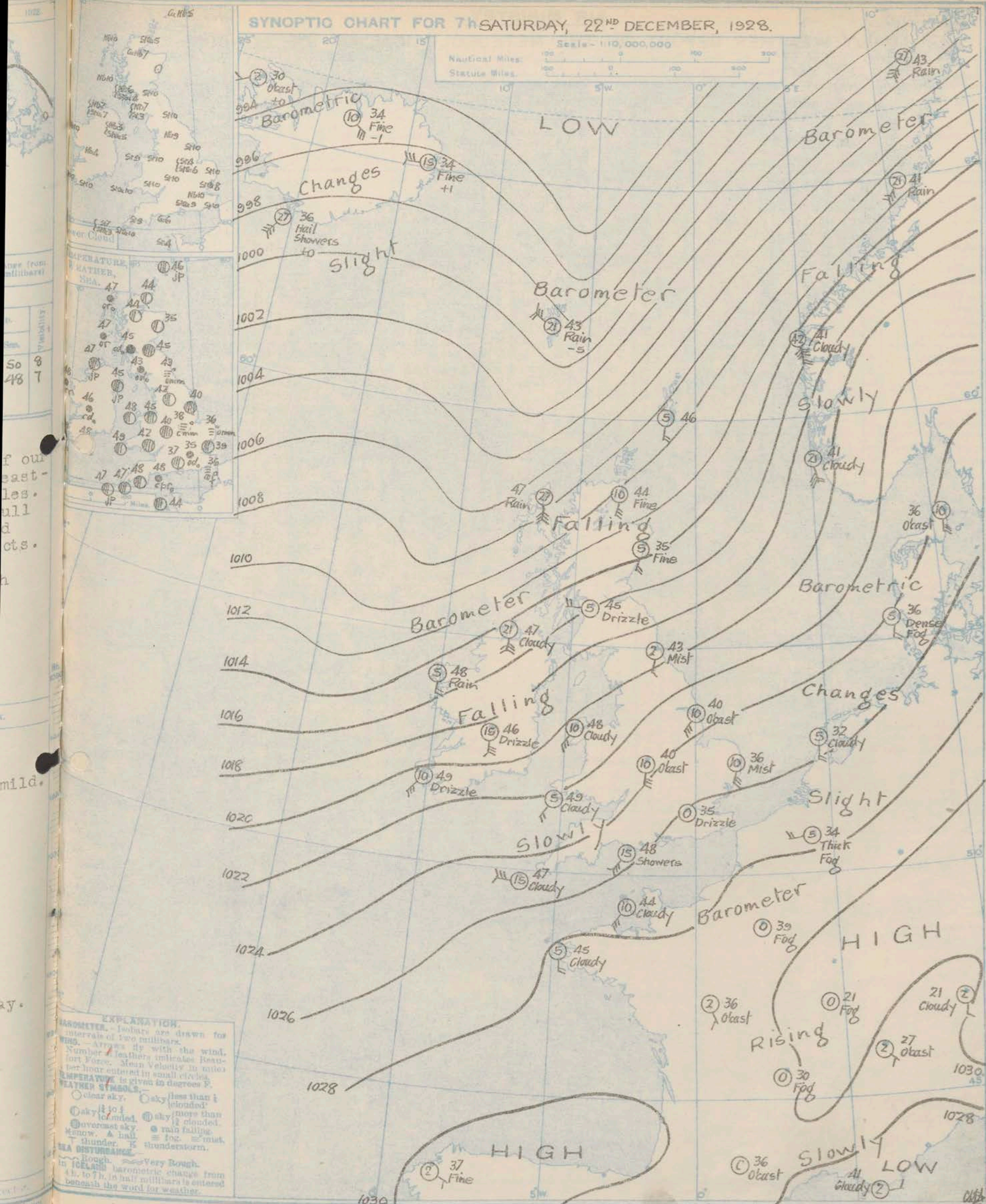
GENERAL INFERENCE.

A trough of low pressure off our western seaboard will move eastwards across the British Isles. Weather will be generally dull and general rain will spread from the west to all districts. A temporary improvement is likely in the west and north later.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Saturday, 22nd December, 1928.	Further Outlook.
1. E.E. England	Wind S.W., light to moderate; dull, local drizzle at first; more general rain tonight and tomorrow; moderate temperature to rather mild.	Unsettled, mild.
2. E. England		
3. E. Midlands		
4. W. Midlands	Wind S.W., moderate, freshening; dull; some rain; rather mild.	
5. S.W. England		
6. South Wales		
7. North Wales	Wind S.W. light, freshening; dull; some rain; probably improving tomorrow; local coastal mist at first; mild to moderate temperature.	
8. N.W. England		
9. N. Midlands		
10. N.E. England	Wind S.W. veering W., fresh to strong, stronger at times on coast; dull, rain; improving tomorrow. Moderate temperature.	South cone hoisted at 8h.50m. today.
11. S.E. Scotland		
12. S.W. Scotland & Isle of Man		
13. A.W. Scotland	Wind S., becoming strong and approaching gale locally, veering W. later; dull, rain at first; some improvement later; mild.	
14. Mid-Scotland		
15. N.E. Scotland		
16. Orkneys and Shetlands	Wind S.W., moderate or fresh; dull, with rain at first; brighter intervals tomorrow. Mild at first, then cooler.	
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

SYNOPTIC CHART FOR 7th SATURDAY, 22ND DECEMBER, 1928.

Scale - 1:10,000,000
Nautical Miles: 0 100 200 300
Statute Miles: 0 100 200 300



EXPLANATION.
BAROMETER. - Isobars are drawn for intervals of two millibars.
WIND. - Arrows fly with the wind. Number in feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circles.
TEMPERATURE. - Is given in degrees F.
WEATHER SYMBOLS.
○ Clear sky. ○ Sky less than 1/4 clouded.
○ Sky 1/4 to 1/2 clouded. ○ Sky more than 1/2 clouded.
○ Overcast sky. ○ Rain falling.
M. Snow. A. Hail. = Fog. = Mist.
T. Thunder. R. Thunderstorm.
SEA DISTURBANCE.
Rough. Very Rough.
In Iceland barometric change from 4h. to 7h. in half millibars is entered beneath the word for weather.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION... Saturday 22nd December 1928.

No. 357.

Page 4.		BRITISH SECTION.										Page 5.												
		Observations at 1h. G.M.T. 22 nd										Observations at 7h. G.M.T. 22 nd												
STATIONS.	Height above sea level in feet.	Barom. at station.	Change in 3 hours.	Wind.		Weather.	Temp. of air.	Humidity %.	Visibility in miles.	Cloud.			Barom. at station.	Change in 3 hours.	Wind.		Weather.	Temp. of air.	Humidity %.	Visibility in miles.	Cloud.			
				Direc.	Force.					Height.	Form.	Amt.			Direc.	Force.					Height.	Form.	Amt.	
																								0-12	0-10	0-10
Lerwick	64	1014.8	-1	SW	3	ad. d.	47	97	7	1500	Nb	10	1008.7	-5	SW	2	cip	46	92	7	1500	C.Nb	3	10
Stornoway	30	1014.1	-3	SW	3	bc	47	97	7	1500	Nb	10	1008.9	-7	S	6	ot	47	92	6	2500	Nb	10	10
Wick	81	1015.3	-1	WSW	2	bc	42	97	8	2500	St.G	5	1010.4	-5	SSW	3	bc	44	92	8	2500	St.G	5	10
Tiree	33	1015.2	-1	WSW	2	bc	42	97	8	2500	St.G	5	1011.2	-4	SW'S	5	ot	47	92	7	800	Nb	10	10
Nairn	32	1015.7	-1	W	1	bc	44	97	8	2500	C.Nb	7	1010.7	-4	W	1	bc	44	92	8	2500	C.Nb	7	10
Aberdeen	37	1015.7	-1	W	1	bc	44	97	8	2500	C.Nb	7	1013.6	-4	SSW	2	bc	35	97	6	1500	St	10	10
Malin Head	51	1019.5	-3	SW	3	c	46	92	7	4000	St.G	9	1014.2	-3	S	5	cip	47	92	7	4000	St.G	9	10
Kenfrew	58	1019.5	-3	SW	3	c	46	92	7	4000	St.G	9	1016.2	-3	W	2	cd	45	92	8	2500	Nb	10	10
Edinburgh (Leith)	140	1018.9	-2	W	3	c	43	92	7	1500	St	8	1015.8	-3	WSW	4	o	45	75	8	800	St	10	10
Leith	10	1018.9	-2	W	3	c	43	92	7	1500	St	8	1015.2	-4	SW	4	c	44	85	7	4000	St.G	6	10
Edinburgh (Leith)	140	1018.9	-2	W	3	c	43	92	7	1500	St	8	1017.7	-5	SW	5	od.	43	92	6	800	Nb	10	10
Tynemouth	67	1021.7	-1	SSW	2	mm	41	92	4	800	St	10	1018.8	-2	SSW	1	mm	43	92	4	1500	St	10	10
Blackhead Point	18	1019.6	-2	S'E	3	bc	48	85	8	1500	C.Nb	6	1015.2	-3	S	2	ot	48	92	6	1500	Nb	10	10
Donaghadee	40	1019.6	-2	S'E	3	bc	48	85	8	1500	C.Nb	6	1018.9	-3	SW	1	cip	45	92	8	2500	St.G	8	10
Birr Castle	173	1019.6	-2	S'E	3	bc	48	85	8	1500	C.Nb	6	1019.4	-3	S	4	cd	46	92	6	2500	Nb	10	10
Holyhead	23	1023.4	-2	SW'S	2	c	47	97	6	1500	St	9	1020.6	-3	SW	3	c	48	92	7	1500	St	9	10
Liverpool (Bidston)	189	1023.4	-2	SW'S	2	c	47	97	6	1500	St	9	1021.5	-2	W	3	o	45	85	7	4000	St	10	10
Chester (Sealand)	16	1023.4	-2	SW'S	2	c	47	97	6	1500	St	9	1021.9	-2	S'E	1	c	43	92	6	1500	St	10	10
Harrogate	176	1023.4	-2	SW	3	mm	39	97	4	220	St	10	1022.5	-1	SSW	2	c	42	97	5	2500	Nb	9	10
Spurn Head	22	1023.4	-2	SW	3	mm	39	97	4	220	St	10	1021.9	-1	SW	3	o	40	97	5	450	St	10	10
Birmingham (Edgbaston)	535	1023.4	-2	SW	3	mm	36	92	4	4000	St	9	1023.7	-1	SSW	3	o	40	92	6	2500	St	10	10
Cranwell	230	1023.4	-2	SW	3	mm	36	92	4	4000	St	9	1024.0	-1	SW	3	mm	38	97	4	4000	St.G	10	10
Gorleston	14	1023.4	-2	WSW	1	cip	35	97	6	1500	St	5	1025.1	0	SSW	3	mm	36	97	4	800	St	10	10
Valentia (Cahirvee)	30	1023.9	-2	W	1	bc	47	97	9	1500	C.Nb	5	1021.2	-3	SW	3	od.	49	97	5	220	St	10	10
Hoches Point	22	1023.9	-2	W	1	bc	47	97	9	1500	C.Nb	5	1022.5	-2	SW	3	od.	48	97	7	800	St	10	10
Pembroke (St. Ann's H.)	150	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1022.4	-3	SW	2	c	49	85	7	1500	St.G	10	10
Ross-on-Wye	220	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1023.5	-2	SW	2	o	42	92	6	1500	St	10	10
Leafield	612	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1024.4	-2	SW	4	c	37	92	7	4000	St.G	9	10
Winchester (Worthy Dn.)	272	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1025.0	-1	SSW	2	c	37	85	6	2500	St.G	9	10
S. Farnborough	237	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1025.9	-1	SSW	2	c	37	85	6	2500	St.G	9	10
London (New Obay.)	18	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1026.1	-1	SSW	2	o	35	92	5	1500	Nb	10	10
Croydon	244	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1025.4	0	SW'S	4	c	36	92	5	2500	St.G	4	10
Shoeburyness	11	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1026.0	-1	SW'S	1	c	38	92	6	1500	St.G	8	10
Clacton-on-Sea	34	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1025.9	-1	SSW	3	c	39	92	6	5700	St.G	8	10
Falixton	15	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1026.0	-1	SSW	3	c	38	92	6	2500	St.G	10	10
Lymington	300	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1026.2	-1	SW	2	mm	38	97	4	2500	St.G	8	10
Seilly (St. Mary's)	163	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1024.9	-1	W'N	4	cip	47	97	7	2500	St	10	10
Falmouth (Pendennis)	200	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1024.0	-1	W'N	4	cip	47	97	7	4000	St.G	10	10
Plymouth (Cattewater)	42	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1025.0	-1	W'N	4	cip	47	97	7	1500	St	9	10
Portland Bill	32	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1025.0	-1	W'N	4	cip	47	97	7	1500	St	9	10
Southampton (Calshot)	10	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1025.0	-1	W'N	4	cip	47	97	7	1500	St	9	10
Dungeness	20	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1025.0	-1	W'N	4	cip	47	97	7	1500	St	9	10
Guernsey (Fort George)	200	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1027.3	0	WSW	1	fo	36	97	2	220	St	10	10
Guernsey (Fort George)	200	1023.9	-2	SSW	2	ct	49	85	7	1500	St.G	10	1027.9	-1	SW	3	ct	44	75	9	1500	St	4	10

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Friday 21st Dec.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUN- SHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Fore- noon.	After- noon.	Min. 8h.-2h.	Max. 2h.-17h.	Night 17h.-8h.	Day 8h.-17h.	Sunrise to Sunset.								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)								
Berwick-on-Tweed	c	c	30	40	-	-	0.0	Bude	c	c	40	51	-	-	0.0
Douglas (I.O.M.)	o	o	41	46	-	-	0.0	Penzance	c	c	46	49	-	-	0.0
Llandudno	c	c	38	46	-	-	0.0	Paignton	temw	temf	33	48	-	-	3.3
Colwyn Bay	co	co	39	47	-	-	0.0	Torquay	temw	temf	36	47	-	-	3.5
Rhyl	obe	obe	34	45	-	-	0.0	Jersey	pebc	bc	42	47	0.2	-	2.3
Wallsley	foc	co	32	41	Trace	-	0.0	Weymouth	b	b	32	46	0.1	-	7.3
Southport	ofx	fom	29	37	-	-	0.0	Bournemouth	b	bf	30	41	-	-	6.7
Blackpool	of	om	27	38	-	-	0.0	Venrhor	xb	bc	32	47	-	-	6.5
Ilkley	xc	cmo	26	37	-	-	0.0	Portsmouth (S. ths)	b	b	33	42	-	-	6.3
Cleethorpes	bfx	bo	32	43	-	-	0.0	Bognor	b	b	34	44	-	-	6.7
Skogness	bbcc	bbcc	32	41	0.2	-	4.6	Littlehampton	bbc	b	34	44	-	-	6.0
Aberystwyth	c	oc	35	46	-	-	0.0	Worthing	cbe	bbe	33	41	-	-	3.6
Bath	fmb	b	27	34	-	-	0.0	Brighton	bbcc	cobbc	35	41	-	-	4.8
Cheltenham	off	ofom	30	38	-	-	0.0	Eastbourne	b	bm	36	44	0.1	-	5.5
Leamington Spa	of	of	25	31	-	-	0.0	Hastings	cbeb	b	36	43	0.2	-	4.6
Lowestoft	cfbc	bbcf	35	42	0.4	-	3.2	Folkstone	omb	temf	37	41	0.3	-	4.7
Harwich & Dovercourt	ocf	ocf	35	37	-	Trace	0.0	Dover	cmbe	mbcc	39	41	0.1	-	2.3
Malden	b	b	33	41	-	-	0.0	Tanbridge Wells	bmb	bm	34	43	-	-	4.2
Southend	bm	bmfe	33	43	0.6	Trace	5.2	Ramsgate	c	cm	39	41	0.3	-	0.6
								Margate	c	cm	39	41	-	-	0.0
								Deal	oc	o	39	41	-	-	0.1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.24503

Sunday 23rd December 1928.

Page 1.

Observations at 12h. G.M.T. 22 nd															Observations at 12h. G.M.T. 23 rd														
STATIONS.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. of Air.	Humidity. %	Visibility.	Cloud.					State of ground.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. of Air.	Humidity. %	Visibility.	Cloud.						
			Dir.	Force					Low.		Upper	Total	Dir.				Force	Low.					Upper	Total					
									Height	Form								Height							Form	Height	Form	Height	Form
(For heights see p. 4).	mb.		0-12			°F.		0-9	Feet	0-10	0-10	0-10	0-9	mb.		0-12			°F.			0-9	Feet	0-10	0-10	0-9			
Lerwick	1003.9	-1.9	S	3	cl	46	85	7	1500	CU	6	AS	6	1003.0	+1.1	W	10	bc	42	75	7	1500	CU	10	AS	10			
Stornoway	1019.0	+1.2	NW	5	bc	46	85	7	4000	CU	2	AS	4	1014.3	+4.8	NW	10	bc	42	75	7	4000	CU	4	AS	4			
Wick	1006.0	-5.5	WSW	4	C	45	92	8	1500	CU	8	AS	10	1014.3	+1.2	NW	10	bc	42	75	7	1500	CU	4	AS	4			
Thurso	1014.7	+4.4	MD	6	C	45	75	8	1500	CU	9	AS	10	1021.6	+7.7	NNW	10	bc	44	85	8	2500	CU	2	AS	2			
Aberdeen	1010.6	-3.3	SSW	2	C	44	85	6	1500	CU	7	AS	10	1016.1	+7.7	NNW	10	bc	42	75	7	2500	CU	8	AS	8			
Malin Head	1017.7	+5.5	NW	3	bc	46	85	8	4000	CU	2	AS	3	1023.9	+5.5	NW	10	bc	44	85	8	4000	CU	5	AS	6			
Benbow	1013.5	-1.1	SSW	3	bc	46	85	8	2500	CU	2	AS	10	1019.8	+5.5	NNW	10	bc	42	75	7	4000	CU	8	AS	8			
Edinburgh (Inchkeith)	1012.3	-3.3	SW	4	bc	46	85	7	800	CU	10	AS	10	1013.1	+8.8	NW	10	bc	44	85	8	1500	CU	8	AS	8			
Leuchars	1011.3	-4.4	SW	4	bc	46	85	7	800	CU	8	AS	10	1013.0	+1.1	NW	10	bc	42	75	7	1500	CU	7	AS	7			
Baldernair	1014.4	-4.4	SW	5	bc	44	85	6	450	CU	10	AS	10	1018.7	+7.7	NW	10	bc	41	85	7	1500	CU	4	AS	4			
Tynemouth	1015.7	-3.3	SW	3	bc	47	85	6	1500	CU	10	AS	10	1016.4	+4.4	W	2	bc	45	92	7	1500	CU	10	AS	10			
Blackod Point	1021.9	+3.3	N	4	bc	46	85	8	CU	5	AS	5	1025.5	+4.4	N	3	bc	44	85	7	CU	3	AS	3					
Donaghadee	1017.3	-1.1	W	3	bc	46	85	7	2500	CU	8	AS	8	1022.0	+7.7	NW	4	bc	44	75	8	2500	CU	4	AS	4			
Blir Castle	1019.6	-1.1	W	3	bc	48	92	7	1500	CU	8	AS	8	1025.6	+1.1	W	2	bc	40	92	8	2500	CU	2	AS	2			
Holyhead	1018.2	-3.3	SW	5	bc	48	97	6	800	CU	7	AS	10	1021.9	+6.6	NNW	5	bc	47	92	7	1500	CU	2	AS	2			
Liverpool (Bidston)	1018.7	-2.2	SW	3	bc	46	92	7	2500	CU	10	AS	10	1020.5	+1.1	NW	5	bc	45	92	7	2500	CU	9	AS	9			
Lester (Sealand)	1012.5	-3.3	SSW	2	bc	47	92	5	1500	CU	9	AS	9	1020.2	+4.4	NW	4	bc	46	85	6	2500	CU	8	AS	8			
Harrogate	1017.9	-2.2	SSW	3	bc	44	92	6	2500	CU	10	AS	10	1018.4	+2.2	WSW	3	C	44	92	7	4000	CU	7	AS	7			
Spurn Head	1013.6	-2.2	SW	5	bc	43	97	6	2500	CU	9	AS	9	1017.6	0	SW	3	bc	43	97	6	4000	CU	10	AS	10			
Birmingham (Edgbaston)	1021.6	-3.3	SW	3	C	43	92	6	2500	CU	9	AS	9	1020.9	+1.1	WSW	4	bc	44	97	5	1500	CU	9	AS	9			
Cranwell	1021.7	-3.3	SW	4	C	43	92	6	2500	CU	10	AS	10	1019.2	-1.1	SW	4	bc	44	92	6	1500	CU	10	AS	10			
Gorleston	1023.2	-2.2	SW	4	C	39	92	6	1500	CU	10	AS	10	1021.4	-2.2	SW	4	bc	43	92	6	800	CU	10	AS	10			
Valentia (Cahiroiveen)	1023.4	+3.3	NNW	4	bc	49	75	8	1500	CU	2	AS	2	1027.4	+4.4	N	3	bc	45	85	8	2500	CU	2	AS	2			
Roche Point	1021.4	-2.2	NW	3	bc	49	92	8	2500	CU	7	AS	7	1025.9	+7.7	NW	3	bc	46	92	8	2500	CU	6	AS	6			
Pembroke (St. Ann's H.)	1020.3	-3.3	SW	3	C	50	92	7	1500	CU	10	AS	10	1021.3	+1.1	NW	4	bc	49	92	8	1500	CU	6	AS	6			
Ross-on-Wye	1021.6	-3.3	SW	3	bc	46	85	7	2500	CU	10	AS	10	1020.7	0	SW	2	C	46	97	6	2500	CU	9	AS	9			
Leafield	1022.8	-2.2	SW	2	bc	42	97	1	1500	CU	10	AS	10	1021.3	-1.1	SW	2	bc	44	97	6	2200	CU	10	AS	10			
Winchester (Worthy Dn.)	1024.2	-4.4	S	2	bc	44	97	4	450	CU	10	AS	10	1022.6	0	SW	1	bc	46	97	5	450	CU	10	AS	10			
S. Farnborough	1024.0	-4.4	SSW	3	C	44	97	5	1500	CU	10	AS	10	1022.3	-1.1	SW	2	C	45	97	6	1500	CU	10	AS	10			
London (New Obay.)	1023.9	-4.4	SSW	3	C	44	97	5	800	CU	9	AS	10	1021.8	-2.2	SW	3	C	45	97	6	1500	CU	10	AS	10			
Croydon	1024.3	-5.5	SSW	4	bc	42	97	4	450	CU	10	AS	10	1022.1	-2.2	SW	4	bc	45	97	6	800	CU	10	AS	10			
Shoreham	1026.4	-3.3	SW	3	C	44	92	6	2500	CU	10	AS	10	1022.6	-2.2	SW	3	C	44	97	6	2500	CU	10	AS	10			
Clacton-on-Sea	1024.2	-4.4	SW	3	C	43	92	5	2500	CU	6	AS	9	1021.9	0	SSW	4	C	43	97	7	5700	CU	10	AS	10			
Felixstowe	1025.1	-4.4	SSW	3	C	42	92	5	450	CU	10	AS	10	1023.3	-1.1	SSW	4	bc	43	97	2	450	CU	10	AS	10			
Lymington	1024.6	-1.1	W	4	bc	49	97	7	2500	CU	4	AS	7	1024.8	0	W	5	C	50	97	7	4000	CU	8	AS	8			
Bolton (St. Mary's)	1024.2	-1.1	WS	3	bc	50	92	8	4000	CU	5	AS	7	1023.9	0	WSW	3	bc	49	97	7	1500	CU	7	AS	7			
Bournemouth (Pondenrie)	1024.5	-2.2	W	3	C	48	97	7	800	CU	9	AS	9	1023.6	0	W	4	bc	49	97	7	1500	CU	9	AS	9			
Gymouth (Cattewater)	1024.3	-3.3	SW	4	bc	50	92	7	1500	CU	9	AS	10	1021.8	0	WSW	4	bc	50	97	7	1500	CU	9	AS	9			
Portland Bill	1024.4	-4.4	SW	4	bc	46	97	6	450	CU	10	AS	10	1023.6	-1.1	WS	3	bc	47	97	6	1500	CU	9	AS	9			
Southampton (Valshot)	1024.9	-4.4	SW	3	C	46	85	8	2500	CU	10	AS	10	1023.1	-3.3	SW	4	bc	47	92	7	1500	CU	10	AS	10			
Dungeness	1026.5	-4.4	SW	4	bc	46	97	7	800	CU	10	AS	10	1025.4	-1.1	WSW	3	bc	49	97	7	800	CU	8	AS	8			
Guernsey (Fort George)	1026.5	-4.4	SW	4	bc	46	97	7	800	CU	10	AS	10	1025.4	-1.1	WSW	3	bc	49	97	7	800	CU	8	AS	8			
LONDON OBSERVATIONS.															LONDON OBSERVATIONS.														
Day 7h-12h, New & Croydon.															Day 7h-12h, New & Croydon.														
9h-12h, Kensington.															9h-12h, Kensington.														
5h-12h, other stations.															5h-12h, other stations.														
Kew															Kew														
Croydon															Croydon														
Greenwich (Royal Obay.)															Greenwich (Royal Obay.)														
City (Bunhill Row)															City (Bunhill Row)														
Westminster (St. James' Pk.)															Westminster (St. James' Pk.)														
Regent's Pk. (Botanic Gdns.)															Regent's Pk. (Botanic Gdns.)														
Oxford Square.															Oxford Square.														
Kensington Palace															Kensington Palace														
Hamstead Observatory															Hamstead Observatory														
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.															TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.														
STATIONS.															STATIONS.														
Sunrise.															Sunrise.														
Noon.															Noon.														
Sunset.															Sunset.														
Greenwich															Greenwich														
Wick															Wick														
Valentia															Valentia														
Beaufort Notation of Weather.															Beaufort Notation of Weather.														
The Beaufort Scale of Wind.															The Beaufort Scale of Wind.														
Sea Disturbance.															Sea Disturbance.														
Telegraphic Code for Surface Visibility.															Telegraphic Code for Surface Visibility.														

LONDON OBSERVATIONS.

Day 12h. New & Croydon.

Night 12h. Kensington.

Night 12h. other stations.

New

Croydon

Greenwich (Royal Obay.)

City (Bunhill Row)

Westminster (St. James' Pk.)

Regent's Pk. (Botanic Gdns.)

Oxford Square

Kensington Palace

Hamstead Observatory

TABLE SHOWING THE GREENWICH

TIMES OF SUNRISE, NOON, AND

SUNSET.

Sunrise, Noon, Sunset.

Sunrise, Noon, Sunset.

Sunrise, Noon, Sunset.

Sunrise, Noon, Sunset.

Sunrise, Noon, Sunset.

Sunrise, Noon, Sunset.

Sunrise, Noon, Sunset.

Sunrise, Noon, Sunset.

Sunrise, Noon, Sunset.

WEATHER.

Morning

Afternoon

Night

34 HOURS ENDED 24h.

New

Croydon

Greenwich (Royal Obay.)

City (Bunhill Row)

Westminster (St. James' Pk.)

Regent's Pk. (Botanic Gdns.)

Oxford Square

Kensington Palace

Hamstead Observatory

TABLE SHOWING THE GREENWICH

TIMES OF SUNRISE, NOON, AND

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Sunrise, Noon, Sunset.

Sunrise, Noon, Sunset.

Sunrise, Noon, Sunset.

Sunrise, Noon, Sunset.

Sunrise, Noon, Sunset.

TEMPERATURE.

Max.

Min.

Min. on Grass.

Min. on

New

Croydon

Greenwich (Royal Obay.)

City (Bunhill Row)

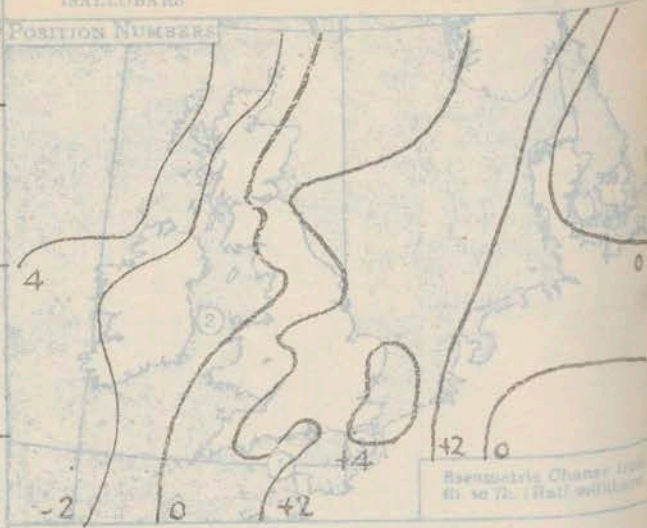
Westminster (St. James' Pk.)

SUMMARY FOR THE PAST 24 HOURS.

ISALOBARS

23rd December

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			22 nd Hours.
	7h-12h 22 nd	12h-18h 22 nd	18h-22 nd to 12h 23 rd	1h-7h 23 rd	MAX. Day.	MIN. Night.	MIN. on 23 rd	Day 7h-12h mm. began.	Night 12h-7h mm. began.	Hours.	
Lerwick	cid.	coir.	bc	bc	47	41	*	8 48.00	-	-	0.0
Stornoway	orqbe	bbe	b-bc	b-bc	47	35	*	7 48.00	-	-	1.6
Wick	c	bcp	b-bc	b-bc	45	34	*	0.4 15.30	-	-	0.0
Tirree	pro	prhbc	b-bc	b-bc	47	38	31	2 48.00	-	-	0.0
Nairn	bc	b-bc	b-bc	b-bc	47	33	*	Tr. 15.30	-	-	0.0
Aberdeen	b-bc	b-bc	b-bc	b-bc	45	34	24	Tr. 15.30	-	-	0.0
Malin Head	cid	bcp	b-bc	b-bc	48	37	*	2 48.00	Tr. 12.00	1.0	4
Benfrew	cid	b-bc	b-bc	b-bc	46	26	21	1 48.00	-	-	0.4
Edinburgh (Inchkeith)	o	o	b-bc	b-bc	47	35	31	Tr. 13.30	-	-	0.0
Leuchars	cid	cid	b-bc	b-bc	46	28	21	0.1 9.00	-	-	0.0
Bekdalemuir	cid	cid	b-bc	b-bc	44	21	16	6 48.00	Tr. 12.00	0.0	0.0
Tynemouth	om	o	b-bc	b-bc	47	35	30	0.1 15.30	0.5 12.00	*	0.0
Blackhead Point	b-bc	b-bc	b-bc	b-bc	49	40	*	1 48.00	-	-	*
Donaghadee	cid	id	b-bc	b-bc	46	34	*	1 48.00	-	-	1.9
Birr Castle	cid	cid	b-bc	b-bc	49	30	19	2 48.00	-	-	0.0
Holyhead	id	id	b-bc	b-bc	49	37	34	2 48.00	-	-	0.0
Liverpool (Bidston)	cid	cid	b-bc	b-bc	46	37	30	3 11.00	-	-	0.0
Chester (Sealand)	cid	cid	b-bc	b-bc	49	30	23	3 11.00	-	-	0.0
Harrogate	cid	cid	b-bc	b-bc	45	32	27	0.2 48.00	-	-	0.0
Spurn Head	cid	cid	b-bc	b-bc	44	36	*	1 11.00	1 12.00	0.0	0.0
Birmingham (Edgbaston)	cid	cid	b-bc	b-bc	44	34	26	2 13.30	0.5 12.00	0.0	0.0
Oranwell	cid	cid	b-bc	b-bc	44	34	29	1 48.00	0.5 12.00	0.0	0.0
Gorleston	cid	cid	b-bc	b-bc	43	42	40	0.3 9.00	2 48.00	0.0	0.0
Valentin (Cabirivoe)	cid	cid	b-bc	b-bc	51	36	33	2 48.00	0.1 12.00	3.0	0.0
Roches Point	cid	cid	b-bc	b-bc	51	36	*	1 48.00	-	-	0.0
Pembroke (St. Ann's H.)	cid	cid	b-bc	b-bc	50	41	*	1 11.00	-	-	0.0
Ross-on-Wye	cid	cid	b-bc	b-bc	47	34	28	1 12.30	0.1 12.00	0.0	0.0
Leafield	cid	cid	b-bc	b-bc	44	34	29	0.3 11.00	1 12.00	0.0	0.0
Winchester (Worthy Down)	cid	cid	b-bc	b-bc	46	33	28	1 48.00	1 12.00	0.0	0.0
S. Farnborough	cid	cid	b-bc	b-bc	45	33	23	0.3 9.00	2 12.00	0.0	0.0
London (Kew Obs.)	cid	cid	b-bc	b-bc	45	33	27	0.2 48.00	1 12.00	0.0	0.0
Oxford	cid	cid	b-bc	b-bc	45	40	36	0.2 9.00	2 12.00	0.0	0.0
Shoeburyness	cid	cid	b-bc	b-bc	45	38	30	0.1 9.00	2 12.00	0.3	0.0
Olacton-on-Sea	cid	cid	b-bc	b-bc	43	38	35	1 48.00	1 12.00	0.0	0.0
Felixstowe	cid	cid	b-bc	b-bc	43	40	37	0.6 48.00	2 12.00	0.4	0.0
Lymington	cid	cid	b-bc	b-bc	43	39	36	0.3 11.00	3 12.00	0.0	0.0
Scilly (St. Mary's)	cid	cid	b-bc	b-bc	51	45	*	1 12.30	-	-	1.9
Falmouth (Pendennis)	cid	cid	b-bc	b-bc	52	42	*	0.6 48.00	0.2 12.00	1.2	0.0
Plymouth (Cattewater)	cid	cid	b-bc	b-bc	50	39	32	0.2 48.00	0.1 12.00	0.2	0.0
Portland Bill	cid	cid	b-bc	b-bc	51	39	31	2 9.00	0.4 12.00	0.0	0.0
Southampton (Calshot)	cid	cid	b-bc	b-bc	47	35	30	1 48.00	2 12.00	0.0	0.0
Dunfermline	cid	cid	b-bc	b-bc	49	*	*	1 12.30	3 12.00	0.0	0.0
Guernsey	cid	cid	b-bc	b-bc	49	45	*	2 11.00	1 12.00	0.0	0.0



Position		Date and Time		Steamship		Wind		Weather		Temp	
1	22 nd 12h	22 nd 12h	22 nd 12h	ST. HENRI	WSW	5	5	2/6	51	52	7
2	"	11h	11h	SCOTIA	S	5	5	2/6	49	51	7
3	23 rd 2h	23 rd 2h	23 rd 2h	DIEPPE	NNW	5	5	PR.	49	50	7

GENERAL INFERENCES.

A wedge of high pressure is moving eastwards across the British Isles, while a very deep depression centred near Iceland is moving northeastwards. Strong winds approaching gale force at times will be experienced off our Northern and Western coasts. Over most of England the day will be fair, but rain will spread eastwards across Scotland and Ireland, and will extend to England tomorrow.

Further Outlook.

Unsettled and mild.

South Cone hoisted 8h. 25m. G.M.T. to-day in districts 12, 17, 18 and 20; still flying in districts 13, 15 and 16.

Forecasts for the 24 hours commencing 12 Noon G.M.T. Sunday 23rd December 1928

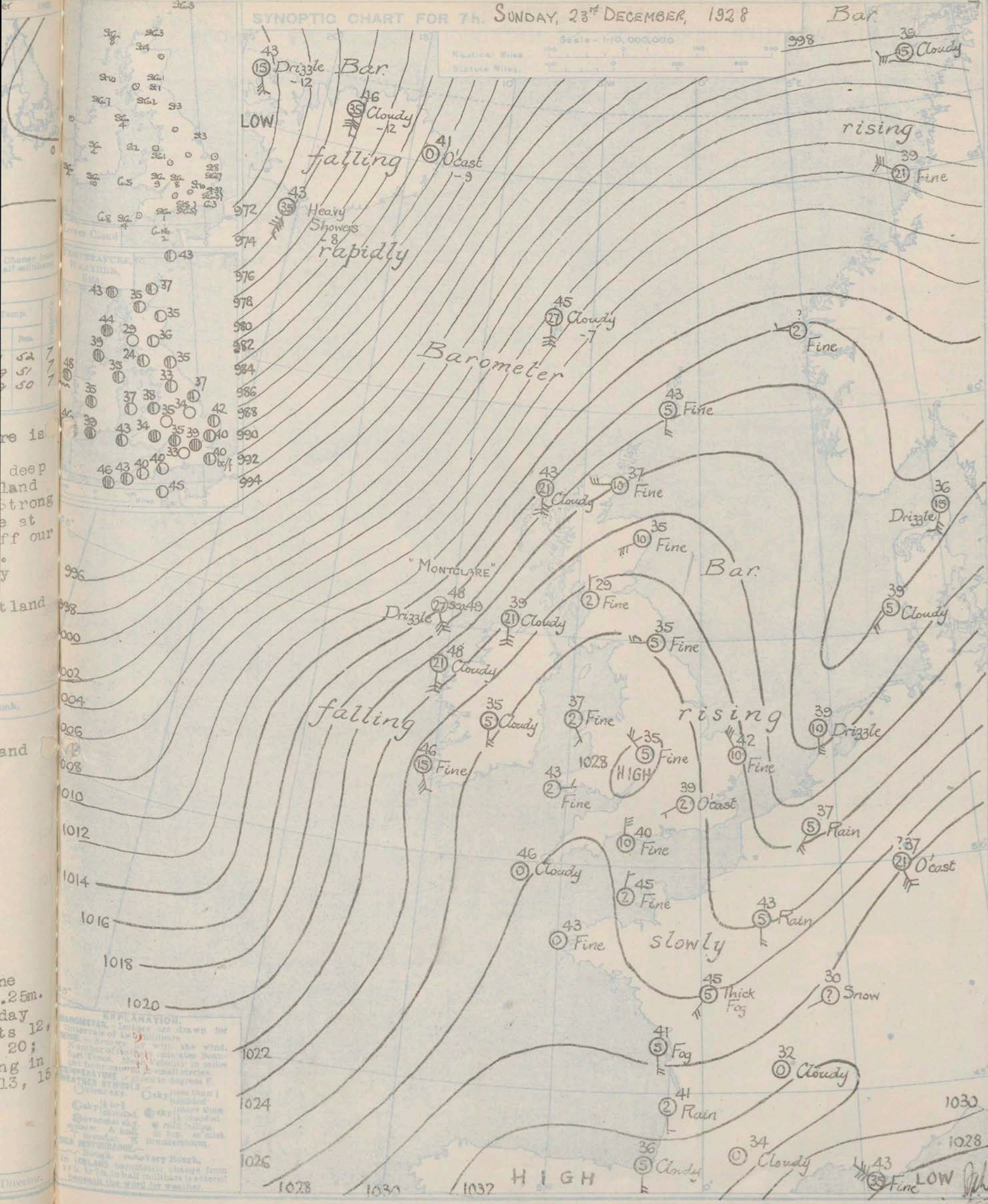
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Sunday 23rd December 1928
1. S.E. England	Light variable winds, backing; fair to-day, cloud increasing later, with perhaps some rain to-morrow; local fog to-night; moderate temperature, ground frost locally to-night.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Freshening southwest winds; fair at first, cloud increasing, some rain later; temperature rising.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Freshening southwest winds; becoming rainy; bright periods probable to-morrow; mild.
10. N.E. England	
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	
13. A.W. Scotland & B.N.W. Scotland	Freshening southwest winds, becoming strong and approaching gale force locally on the coasts; dull and rainy at first, probably brighter periods to-morrow; mild.
14. Mid-Scotland	
15. N.E. Scotland	
16. Orkneys and Shetlands	
17. N.W. Ireland	Freshening southwest winds; dull and rainy at first, brighter periods to-morrow; moderate temperature.
18. N.E. Ireland	
19. S.E. Ireland	Freshening S.W. winds; approaching gale force at times later; dull and rainy at first, brighter periods probable to-morrow; mild.
20. S.W. Ireland	

SYNOPTIC CHART FOR 7H. SUNDAY, 23rd DECEMBER, 1928

Bar.

Scale - 1:10,000,000

Nautical Miles
Statute Miles



EXPLANATION.
Isobars are drawn for intervals of 1 millibar.
Arrows show the wind direction and force.
Number of circles indicates the amount of rain or snow.
Small circles indicate the amount of fog or mist.
Large circles indicate the amount of snow or sleet.
Small squares indicate the amount of rain or snow.
Large squares indicate the amount of snow or sleet.
Small triangles indicate the amount of rain or snow.
Large triangles indicate the amount of snow or sleet.
Small diamonds indicate the amount of rain or snow.
Large diamonds indicate the amount of snow or sleet.
Small stars indicate the amount of rain or snow.
Large stars indicate the amount of snow or sleet.
Small crosses indicate the amount of rain or snow.
Large crosses indicate the amount of snow or sleet.
Small dots indicate the amount of rain or snow.
Large dots indicate the amount of snow or sleet.
Small dashes indicate the amount of rain or snow.
Large dashes indicate the amount of snow or sleet.
Small circles with a dot indicate the amount of rain or snow.
Large circles with a dot indicate the amount of snow or sleet.
Small circles with a cross indicate the amount of rain or snow.
Large circles with a cross indicate the amount of snow or sleet.
Small circles with a star indicate the amount of rain or snow.
Large circles with a star indicate the amount of snow or sleet.
Small circles with a triangle indicate the amount of rain or snow.
Large circles with a triangle indicate the amount of snow or sleet.
Small circles with a diamond indicate the amount of rain or snow.
Large circles with a diamond indicate the amount of snow or sleet.
Small circles with a cross and a dot indicate the amount of rain or snow.
Large circles with a cross and a dot indicate the amount of snow or sleet.
Small circles with a cross and a star indicate the amount of rain or snow.
Large circles with a cross and a star indicate the amount of snow or sleet.
Small circles with a cross and a triangle indicate the amount of rain or snow.
Large circles with a cross and a triangle indicate the amount of snow or sleet.
Small circles with a cross and a diamond indicate the amount of rain or snow.
Large circles with a cross and a diamond indicate the amount of snow or sleet.
Small circles with a cross and a dot and a star indicate the amount of rain or snow.
Large circles with a cross and a dot and a star indicate the amount of snow or sleet.
Small circles with a cross and a dot and a triangle indicate the amount of rain or snow.
Large circles with a cross and a dot and a triangle indicate the amount of snow or sleet.
Small circles with a cross and a dot and a diamond indicate the amount of rain or snow.
Large circles with a cross and a dot and a diamond indicate the amount of snow or sleet.
Small circles with a cross and a dot and a star and a triangle indicate the amount of rain or snow.
Large circles with a cross and a dot and a star and a triangle indicate the amount of snow or sleet.
Small circles with a cross and a dot and a star and a diamond indicate the amount of rain or snow.
Large circles with a cross and a dot and a star and a diamond indicate the amount of snow or sleet.
Small circles with a cross and a dot and a star and a triangle and a diamond indicate the amount of rain or snow.
Large circles with a cross and a dot and a star and a triangle and a diamond indicate the amount of snow or sleet.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION... Sunday, 23rd December, 1928.

No. 358.

Page 4.		BRITISH SECTION.										Page 5.																		
		Observations at 1h. G.M.T. 22 nd										Observations at 7h. G.M.T. 23 rd																		
STATION.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 1/2	Cloud.						Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 1/2	Cloud.						Sea. 0-7
				Dir.	Force.					Low.			Upper Form.	Total Amt.	Dir.			Force.	Low.					Upper Form.	Total Amt.					
										Height.	Form.	Amt.							Height.							Form.	Amt.			
																												0-10	10-20		20-30	0-10	10-20	20-30
Lerwick	54	30.1	+0.3	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Stornoway	30	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Wick	21	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Tiree	22	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Nairn	23	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Aberdeen	37	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Malin Head	51	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Kenfrew	55	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Edinburgh (Inchkeith)	100	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Leuchars	30	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Eskealemuir	704	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Tynemouth	57	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Blackpool Point	18	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Donaghadee	40	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Birr Castle	173	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Holyhead	20	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Liverpool (Bidston) ...	186	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Chester (Sealand)	16	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Harrogate	478	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Spurn Head	29	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Birmingham (Edgbaston)	585	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Cranwell	338	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Gorleston	14	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Valentia (Cahiriveen) ...	33	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Roche Point	22	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Pembroke (St. Ann's H.)	150	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Ross-on-Wye	223	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Leafield	512	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Winchester (Worthy D.)	272	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
S. Farnborough	257	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
London (Kew Obs.)	18	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Croydon	244	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Shoeburyness	11	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Ganton-on-Sea	56	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Pellicott	15	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Lymington	350	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Seilly (St. Mary's)	163	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Falmouth (Pendennis)	200	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Plymouth (Cattewater)	82	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Portland Hill	32	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Southampton (Calshot)	10	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Bungay	20	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			
Guernsey (Fort George) ...	205	30.1	+0.2	W	2	bc.	42	75	3	1500	Cl.	3	1500	1	0	W	2	bc.	42	75	3	1500	St. Cl.	3	-	3	1			

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH REPORTS FOR Saturday, 22nd December.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.†		SUNSHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Forenoon.	Afternoon.	Min. 9h. to 2h.	Max. 2h. to 9h.	Night 11h. to 5h.	Day 9h. to 11h.	Sunrise to Sunset.								
			22°	22°	22°	22°	22°								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Bude	cod	oid	39	51	1	1	0.0
Berwick-on-Tweed	C	C	34	47	—	—	0.0	Pennance	cod	oid	45	52	4	1	1.3
Douglas (I. o. M.) ...	OP	O	42	47	—	6	0.0	Paignton	cod	oid	34	52	1	1	0.6
Llandudno ...	odc	orc	41	49	—	4	0.0	Torquay	dpom	od, bec	38	51	1	1	0.7
Colwyn Bay ...	cod	orc	43	50	—	—	0.0	Jersey	er	C	48	—	—	—	0.0
Rhyl	odc	orc	38	49	0.3	—	0.0	Weymouth	dde	C	32	51	1	2	0.0
Wallasey	or	roc	33	47	—	3	0.0	Bournemouth ...	O	do	28	48	1	0.5	0.0
Southport	or	ro	37	46	0.2	5	0.0	Ventnor	oudm	odm	34	48	Trace	1	0.0
Blackpool	od	orc	31	46	0.2	4	0.0	Portsmouth (S' thea)	om	or	31	48	—	1	0.0
Hikley	og	oro	28	46	0.5	1	0.0	Bognor	orr	rr	32	47	—	1	0.0
Cleethorpes ...	O	od	34	44	—	0.2	0.0	Littlehampton ...	er	cr, C	29	47	—	1	0.0
Skogness	odc	or	34	42	0.2	Trace	0.0	Worthing	er, id	oid	29	46	Trace	1	0.4
Aberystwyth ...	pe	roc	43	48	0.3	4	0.0	Brighton	odg	do	31	47	—	1	0.0
Bath	op	cd	38	49	Trace	Trace	0.0	Eastbourne	od, do	do, do	31	47	—	1	0.0
Cheltenham ...	O	or	34	48	Trace	0.3	0.0	Hastings	amoc	ord	35	46	0.2	1	0.0
Leamington Spa ...	oe	or	25	46	Trace	1	0.0	Folkestone	Xof	adm	32	45	—	1	0.0
Lowestoft	fdcg	cd	31	43	Trace	Trace	0.0	Dover	mb	mod	32	46	Trace	0.5	0.0
Harwich & Dovercourt	docf	ocm	29	44	0.2	—	0.0	Tunbridge Wells ...	O	ad, do	29	45	—	0.3	0.0
Malden	do	od	30	45	Trace	Trace	0.0	Ramsgate	C	cod	33	45	—	0.2	0.0
Southsea	or	cod	32	45	Trace	0.2	0.1	Margate	C	cod	36	46	—	Trace	0.0
								Deal	O	od, o	33	45	—	Trace	0.0

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received.

† The observations at 1h. G.M.T. and, at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. § See footnote page 1.

¶ At stations marked † the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. * 21h.-9h.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B24504

Monday, 24th December 1928

Page 1.

Observations at 15h. G.M.T. 23 rd															Observations at 18h. G.M.T. 23 rd																																																											
STATIONS.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp.	Humidity.	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp.	Humidity.	Visibility.	Cloud.				See.																																																	
			Dir.	Force					Low.	Upper.	Total.	Dir.			Force	Low.					Upper.	Total.																																																				
																							Height.	Form.		Amount.	Height.	Form.	Amount.																																													
(For heights see p. 4).	mb.		0-12			°F.	%	0-9	Feet		0-10	0-10	State of ground.	mb.		0-12		°F.	%	0-9	Feet		0-10	0-10																																																		
Lerwick	1012.7	-6	SSW	3	C	45	75	8	1500	St	5	AS	10	1003.5	-9	SSW	7	off	43	85	7	1500	St	10	10																																																	
Stornoway	1008.1	-11	S	7	od	45	85	6	2500	Nb	10	10	10	1000.6	-7	S	8	off	47	97	6	1500	Nb	10	10																																																	
Wick	1013.3	-7	S	7	C	42	85	8	1500	St	6	AS	8	1005.6	-4	S	9	C	45	75	8	1500	St	6	AS																																																	
Thurso	1014.0	-9	S	7	C	45	85	7	1500	St	10	10	10	1007.6	-7	SSW	7	off	47	97	7	1500	Nb	10	10																																																	
Nairn														1006.8		SW	2	C	45	75	8	2500	C+Nb	8	8																																																	
Aberdeen	1013.0	-7	SW	4	C	39	75	7	1500	St	1	AS	9	1013.5	-5	SSW	4	C	41	75	7	1500	St	1	AS																																																	
Malin Head	1016.1	-10	S	6	C	43	85	8	5700	St	7	AS	10	1011.2	-7	S	7	C	47	85	7	5700	St	9	9																																																	
Bonfrew	1021.8	-5	SSE	2	C	41	85	6	4000	C	1	AS	9	1015.6	-7	SSW	6	C	44	85	8	4000	St	3	C+St																																																	
Edinburgh (Inchkeith)	1022.1	-3	SW	3	C	40	75	8	1500	St	4	AS	9	1016.1	-5	SW	4	C	43	75	8	1500	St	3	AS																																																	
Leuchars	1021.5	-4	W	2	C	37	85	6	2500	St	6	AS	10	1015.0	-8	SSW	3	C	41	75	8	2500	Nb	4	C+St																																																	
Edinburgh	1023.3	-5	S	3	C	33	97	7	1500	St	7	AS	10	1013.6	-5	SSE	3	C	39	85	7	800	St	10	10																																																	
Tranmont	1025.9	0	SW	2	ffbc	38	75	3	800	St	5	C	7	1021.7	-5	S	2	off	39	85	6	1500	Nb	10	10																																																	
Blackhead Point	1016.1	-12	SW	5	C	50	85	7	-	-	0	AS	10	1012.2	-3	SW	3	off	51	92	6	-	Nb	10	10																																																	
Donaghadee	1022.5	-5	SW	2	C	42	75	8	4000	St	5	AS	8	1019.0	-2	SW	5	C	45	85	8	4000	St	8	8																																																	
Birr Castle	1021.2		SSE	3	C	47	92	7	2500	St	4	AS	9	1015.4		SSE	4	C	46	92	7	2500	St	5	AS																																																	
Holyhead	1025.6	-3	SE	3	C	45	92	6	4000	C	4	AS	9	1021.2	-6	S	5	C	46	97	6	2500	St	1	AS																																																	
Liverpool (Bidston)	1027.2	-1	SSE	2	ffbc	39	85	5	1500	St	4	AS	7	1023.7	-3	S/E	4	C	37	85	7	4000	C	2	C+St																																																	
Chester (Sealand)	1027.3	-1	SSE	2	C	37	85	5	1500	St	5	AS	8	1024.1	-5	SSE	4	C	37	85	6	2500	St	4	AS																																																	
Marrecate	1027.2	0	SSW	1	bc	39	75	5	2500	St	5	C+St	7	1024.3	-1	S	3	C	37	85	5	2500	St	9	9																																																	
Spurn Head	1027.6	+1	NW	2	C	40	85	6	800	St	5	C	8	1025.7	0	SSW	3	C	37	92	6	2500	St	4	C+St																																																	
Birmingham (Edgbaston)	1028.5	-1	S	1	ffbc	41	75	4	-	0	C+St	6	1027.9	0	SSW	3	C	37	92	5	-	0	C+St	9	9																																																	
Cranwall	1028.5	-1		0	C	41	75	6	-	0	C+St	9	1027.1	-1	SW	3	C	36	85	6	-	0	C+St	10	10																																																	
Gorleston	1027.5	0	NNW	3	bc	45	92	6	2500	St	2	C+St	4	1028.6	+1	WSW	2	bc	39	92	5	-	0	C	3	0																																																
Valentia (Cahirciveen)	1022.1	-7	S	4	od	50	97	4	220	St	10	10	1	1020.1	-1	S/W	4	C	53	92	6	800	St	10	10																																																	
Rocky Point	1025.7	-3	SW	3	C	49	85	8	2500	St	9	9	1	1021.3	-3	SW	3	C	49	97	7	800	St	10	10																																																	
Pembroke (St. Ann's H.)	1027.7	-1	SW	3	C	48	75	8	800	C	5	AS	10	1024.9	-1	SW	3	C	49	85	8	800	C	6	AS																																																	
Ross-on-Wye	1028.2	-1	W	1	C	41	85	5	4000	St	1	C+St	8	1027.1	-1	SSW	2	C	38	92	6	2500	St	5	C+St																																																	
Leafield	1029.0	+1	SSW	1	C	39	85	6	5700	St	8	8	2	1028.4	-1	SW	2	ffbc	35	97	4	-	0	C+St	5	5																																																
Winchester (Worthy Dn)	1028.9	0	NNW	1	bc	41	85	6	-	0	C+St	4	1029.1	0	-	0	ffbc	32	97	3	-	0	-	0	0																																																	
S. Farnborough	1028.9	0	NW	1	bc	41	92	6	-	0	C	5	2	1028.8	0	-	0	ffbc	34	97	1	-	0	AS	1	1																																																
London (Kew Obsv.)	1028.9	0	NNW	1	mbc	43	75	4	5700	C	1	C	7	1029.1	-1	SW	1	ffbc	38	97	3	800	St	5	AS	7	7																																															
Croydon	1028.7	0	-	0	mbc	40	92	4	4000	C	6	6	2	1029.0	-1	-	0	ffbc	37	97	3	4000	St	9	-	9																																																
Sheeshuryness	1028.4	+1	NW	1	bc	45	85	8	-	0	C	5	1	1029.0	0	-	0	ffbc	33	97	3	-	0	AS	4	4																																																
Clachon-on-Sea	1028.0	0	NNW	1	b	45	85	7	-	0	C	1	1	1028.7	+1	NNW	2	bc	39	92	6	-	0	C+St	7	7																																																
Feltham	1028.0	0	NNW	1	b	45	85	7	-	0	C	1	1	1028.2	+1	N/W	1	bc	39	92	5	-	0	C	3	3																																																
Lympas	1027.7	0	NW	2	bc	45	75	6	2500	C	7	7	2	1029.3	-2	N	1	bc	39	92	6	-	0	C+St	7	7																																																
Bally (St. Mary's)	1029.0	+1	SSW	2	bc	50	75	8	1000	C	4	C	5	1026.8	-4	W	3	C	49	85	7	4000	St	9	-	9																																																
Falmouth (Pendennis)	1028.9	0	-	0	C	48	85	8	4000	St	8	8	1	1027.3	-1	SW	2	bc	47	85	7	4000	C	3	C+St	7	0																																															
Falmouth (Cattewater)	1029.1	-1	WNW	2	bc	48	75	7	-	0	AS	7	2	1028.6	0	ESE	2	C	41	92	6	4000	St	1	C+St	5	0																																															
Land Hill	1028.1	-1	E	3	C	44	92	6	1500	St	1	C+St	9	1028.3	0	S	1	C	45	85	6	1500	St	9	-	9																																																
Southampton (Calshot)	1029.2	+1	NNW	2	bc	41	85	5	-	0	C	5	2	1029.2	0	W	1	bc	37	92	6	7000	St	3	C+St	7	0																																															
Dungeness	1028.3	+2	NW	1	bc	46	85	7	2500	C	3	C	5	1029.5	+2	-	0	bc	40	85	7	2500	C	4	C+St	6	1																																															
Guernsey (Fort George)	1029.1	0	NE	1	C	47	75	7	2500	C	6	AS	8	1029.4	+1	-	0	bc	45	85	7	-	0	AS	7	0																																																
LONDON OBSERVATIONS.															ATMOSPHERIC POLLUTION.															POLE STAR RECORD at Greenwich Obsv.															CODE FOR STATE OF GROUND.																													
Day 7h-15h, New & Croydon.															Milligrams of Solid Impurity per cubic metre.															Exposure from															0=Dry ground.																													
9h-15h, Kensington.															24 HR. ended Th. G.M.T. 23 rd															20. 23 rd 17. 00 m.															1=Wet ground.																													
9h-21h, other stations.															South Kensington															20. 23 rd 07. 00 m.															2=Soft (muddy) wet ground.																													
New															Max. Time. Min. Time.															Stars. Expo. Record.															3=Bare ground frozen (but less than 2 ins. deep).																													
Croydon															26 16 ^h 23 rd 03 24 ^h															h. m. h. m. %															4=Bare ground frozen (but more than 2 ins. deep).																													
Greenwich (Royal Obsv.)															Max. Time. Min. Time.															Polaris 14 0 5 49 42															5=Dew (or wet grass but not wet ground).																													
City (Rushall Row)															Kew Observatory															8 Ursa 14 0 2 58 21															6=Skating to-day in 15h. and 18h. reports (Hear frost in 1h. and Th. reports).																													
Westminster (St. James' Pk.)															Max. Time. Min. Time.															Minoris															7=Snow (thin layer often not continuous).																													
Regent's Pk. (Botanic Gdn.)															1-3 19h 23 rd 0-1 5h 24 ^h																														8=Snow (deep, impeding traffic, usually a continuous layer).																													
Garden Square.																																													9=Glazed roads (ice on roads from frozen rain or melted snow).																													
Kensington Palace																																																																										
Hamstead Observatory																																																																										
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.															THE BRADFORD NOTATION OF WEATHER.															THE BRADFORD SCALE OF WIND.															BEAUFORT NOTATION OF WEATHER.															TELEGRAPHIC CODE FOR SURFACE VISIBILITY.														
24th Dec 1922.															b blue sky (more than a quarter covered with cloud).															0=no swell } Calm or slight															0, Dense fog. 280 "																													
STATIONS.															c clear sky (one half covered).															1=mod. swell } Moderate															1, Thick fog. 550 "																													
Sunrise.															d generally cloudy															2=heavy swell } sea.															2, Fog. 1100 "																													
Noon.															e drizzle. e wet air. f gloomy. f fog, visibility 200-1000 m.															3=no swell } Calm or slight															3, Moderate fog. 1100 "																													
Sunset.															F thick fog. " less than 200 m.															4=mod. swell } Moderate															4, Mist or haze. 11 miles.																													
Greenwich															m mist. 1000-12000 m.															5=heavy swell } sea.															5, Poor visibility. 24 "																													
Yarmouth															h hail. i intermittent.															6=rough sea.															6, Moderate. 51 "																													
Greenwich															j precipitation within sight of station.															7=very rough sea.															7, Good. 124 "																													
Wick															k lightning.															8=innumerable sea.															8, Very good. 91 "																													
Valentia															l overcast sky. p passing showers. q squally. r rain. s snow. t sleet. u thunder. v ugly, threatening sky. w unusual visibility. x dew.																														9, Excellent visibility, beyond 31 "																													

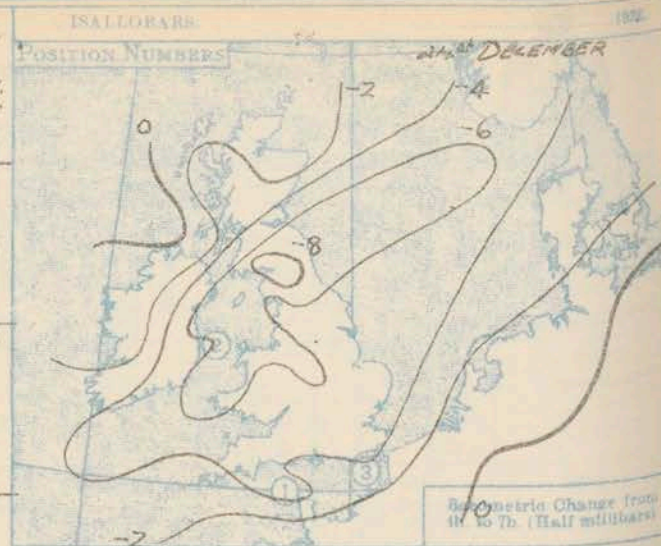
! Truco = rain has fallen, but amount less than 0.1 mm.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

SUMMARY FOR THE PAST 24 HOURS

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				23 rd Hours.
	7h-12h.	12h-18h.	18h-24h.	1h-7h.	MAX. Day.	MIN. Night.	MIN. on 24h.	Day, 7h-12h.	Night, 12h-18h.	18h-7h.		
	23 rd	23 rd	24 th	24 th	7h-12h.	12h-18h.	18h-7h.	mm.	began.	mm.	began.	
Lerwick	bcc	corr	corr	orr	45	43	.	2	15.30	12	21.00	0.0
Stornoway	coid	oidrr	orrr	orr	47	42	.	4	19.00	7	21.00	0.0
Wick	c	c	c	orr	45	44	.	.	.	2	3.30	0.0
Tirree	og	drq	ro	rrm	47	42	41	3	13.30	11	21.00	0.0
Nairn	bcc	qbcc	gc	cr	45	45	.	.	.	1	1.30	0.0
Aberdeen	bbcc	c	crr	orr	41	41	39	.	.	0.4	22.00	0.0
Malin Head	cgu	c	cmrr	cgrr	47	46	.	.	.	16	21.00	0.0
Benfrew	bffc	cm.p.a	cgrr	ogrr	44	43	41	Tr	15.30	10	24.00	0.0
Edinburgh(Inchkeith)	bbcc	cbc	bcc	orr	43	42	39	.	.	0.1	2.30	0.2
Loughs	bccxcm	cm,c	cgrr	cgrr	41	40	37	.	.	0.1	21.00	0.0
Bekdalemuir	bccx	cmrge	cgrr	ogrr	39	37	37	0.1	14.30	5	24.00	0.0
Tynemouth	bffc	bffc	ocq	coq	40	38	35	.	.	.	.	.
Blackod Point	c	r	r	r	52	49	.	2	.	11	.	.
Donaghadee	bcc	c	cg	cg	46	45	.	.	.	.	.	.
Birr Castle	c	c	cm	oid	47	46	43	.	.	0.1	6.30	0.0
Holyhead	bccm	cm	c	r	47	45	44	.	.	22.00	0.1	0.1
Liverpool (Bidston)...	bccm	cm,cc	c	c	41	37	34	.	.	.	.	0.9
Chester (Sealand) ...	bccm,c	cbm	cm	cm,q	39	37	33	.	.	.	.	0.4
Harrogate	bc	bcc	cg	cg,ir	39	37	34	.	.	0.2	3.30	1.3
Spurn Head	befe	bcc	c	c	42	36	34	Tr	11.00	.	.	3.4
Birmingham(Fdgbaston)	bfbcc	bc	c	co	42	36	34	.	.	.	.	1.3
Cranwell	bc	c	c	c	42	35	32	.	.	.	.	(3.5)
Gorleston	bc	bcm	bcm	cg	46	35	33	.	.	.	.	3.0
Valentia(Cahirivean)	cod	od,c	co	od,r	53	52	51	2	11.00	1	3.30	0.0
Roche Point	c	coid	odair	od	50	48	.	0.1	14.30	3	21.00	0.0
Pembroke(St. Ann's H.)	bcc	c	oddm	oddm	49	48	.	.	.	0.2	22.00	0.0
Boss-on-Wye	cbccm	cbcm	c	co	43	37	28	.	.	.	.	1.5
Leafield	bc	bc	bc	cod	41	33	30	.	.	0.4	4.30	2.2
Winchester (Worthy Da)	bam, bc	bam, fx	bam, bc	bam, bc	41	30	25	.	.	0.1	5.30	3.9
S. Farnborough	bam, bc	bam, bc	bam, bc	bam, bc	43	34	26	Tr	.	Tr	.	2.5
London (Kew Obey)...	bam, z	bam, z	bam, z	bam, z	44	33	26	Tr	.	Tr	.	2.4
Croydon	obc, fm	bam, bc	bam, bc	bam, bc	41	36	32	.	.	Tr	.	0.0
Sharnbrook	cbc	bcp	bam	bam, bc	46	32	27	.	.	.	.	3.2
Glaston-on-Sea	bc	bam	bam	bam, bc	45	37	31	.	.	.	.	4.2
Felixstowe	cb	bam, w	bam, w	bam, w	45	34	27	Tr	.	Tr	.	5.0
Lymington	bam	bam	bam, c	bam, c	45	34	27	.	.	.	.	4.6
Scilly (St. Mary's) ...	cbc	bcc	caifd	ffacid	51	48	.	.	.	0.4	21.00	2.0
Falmouth (Pendennis) ...	bc	cbc	bccadm	odm	49	46	.	.	.	1	21.00	1.6
Plymouth(Cattewater)	bwc	bcc	c	ordm	50	46	36	Tr	.	1	24.00	4.2
Portland Bill	bc	c	c	bccadm	45	44	.	.	.	0.2	4.30	.
Southampton(Calshot)	cbccm	bccm	cmc	cbccadm	42	36	23	.	.	0.4	.	3.3
Dungeness	bc	bc	bcc	cbc	47	.	.	.	.	.	.	.
Gibraltar	bcc	cbc	bcc	coddm	42	43	6.1	.	.	0.5	3.30	4.7



Observations from Cross Channel Steamers

Position	Date and Time	Steamship	Wind		Weather	Temp.	
			Dir.	Force		Air	Sea
3	24 th 2h	BRIGHTON	WSW	3	bc	46	43

GENERAL INFERENCE.

A deep depression which has become almost stationary over Iceland has now extended its influence over the whole of the British Isles. Winds will be strong from between southwest and west and weather dull with some rain, improving later.

Farther Outlook.

24th December, 1928.

Fresh or strong southwest winds; dull, occasional rain, fairer tomorrow; mild.

Unsettled with some rain but fairer periods, particularly in the South. Moderate temperature or rather mild.

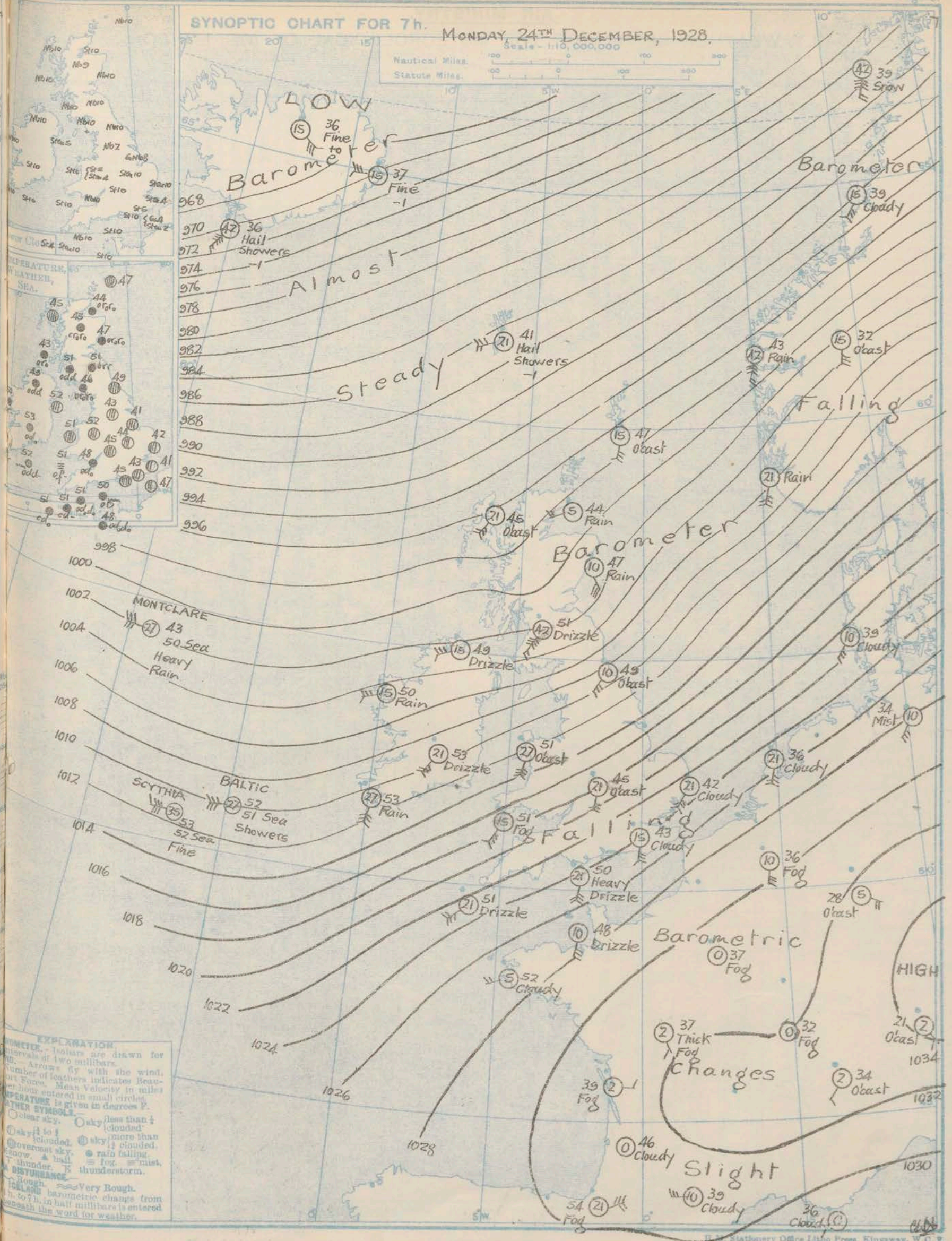
Strong southwest winds, veering west; dull with rain at times, showers and bright intervals later; mild then temperature decreasing somewhat.

South Cone hoisted at 8h.50m. 22/12/28 in districts 13A, 13B, 15 and 16; at 8h.25m. 23/12/28 in districts 12, 17, 18, 19 and 20 and at 14h.20m. 23/12/28 in districts 5, 6, 7, 8, 10 and 11.

Strong winds from between southwest and west; showery, bright intervals; moderate temperature.

SYNOPTIC CHART FOR 7h. MONDAY, 24TH DECEMBER, 1928.

Scale - 1:10,000,000
Nautical Miles 100 200 300
Statute Miles 100 200 300



EXPLANATION
Isobars are drawn for intervals of two millibars.
Arrows show the wind direction and force.
Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS
Clear sky. Partly cloudy. Overcast sky. Rain falling. Snow. Hail. Thunder. Thunderstorm.
DISTURBANCE
Very Rough. Barometric change from 7h. to 7h. in half millibars is entered beneath the word for weather.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION... Monday, 24th December... 1928.

No. 359.

STATIONS	Height above M.S.L. in feet	Observations at 10 A.M.T. 24 th Dec.											Observations at 7 P.M.T. 24 th Dec.											Sea.						
		Barom. at M.S.L. inches	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity %	Visibility in Miles	Cloud.			Barom. at M.S.L. inches	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity %	Visibility in Miles	Cloud.									
				Dir.	Force					Height	Form	Amt.			Dir.	Force					Height	Form	Amt.							
																									0-12	0-10	0-10	0-12	0-10	0-10
Berwick	54	995.8	-6	S	6	off	47	92	7	1500	Nb	10	996.1	-1	SSW	4	0	47	85	7	1500	Nb	10	-	10	4				
Stornoway	30	1001.1	+1	WSW	4	off	47	92	6	1500	Nb	10	1001.6	-3	SW	5	off	45	75	7	2500	Nb	10	-	10	4				
Wick	81	1000.8	-3	WSW	6	C	46	97	8	1500	St	8	999.3	-1	WSW	2	off	44	97	7	1500	St	10	-	10	0				
Thurso	33	1000.8	-3	WSW	6	C	46	97	8	1500	St	8	1000.8	0	NW	4	off	43	97	6	1500	Nb	10	-	10	4				
Nairn	82	1000.8	-3	WSW	6	C	46	97	8	1500	St	8	999.5	-1	W	1	off	45	92	7	800	Nb	9	-	9	1				
Aberdeen	37	1000.8	-3	WSW	6	C	46	97	8	1500	St	8	1001.5	-5	SSE	3	off	47	91	6	1500	Nb	10	-	10	1				
Malin Head	14	1003.0	-1	SW	4	off	60	97	6	4000	Nb	6	1002.0	-4	WSW	4	off	49	97	6	2500	Nb	10	-	10	5				
Benfrew	30	1003.0	-1	SW	4	off	60	97	6	4000	Nb	6	1002.5	-8	SW	8	off	51	92	6	450	Nb	10	-	10	3				
Edinburgh (Inchkeith)	100	1003.7	-7	SW	6	0	49	85	8	1500	St	10	1003.9	-9	SW	6	off	51	92	8	1500	Nb	10	-	10	3				
Leuchars	30	1003.7	-7	SW	6	0	49	85	8	1500	St	10	1001.8	-6	SW	5	off	52	85	8	1500	Nb	10	-	10	3				
Blackdalemuir	794	1003.7	-7	SW	6	0	49	85	8	1500	St	10	1007.3	-6	SSW	7	off	46	97	7	220	Nb	10	-	10	2				
Tynemouth	67	1013.6	-5	SSW	4	C	45	85	7	1500	Nb	8	1009.7	-6	SW	3	0	49	85	7	1500	Nb	10	-	10	2				
Blackpool Point	18	1008.1	-3	WSW	4	off	50	92	7	1500	Nb	10	1008.1	-1	WSW	4	off	50	92	10	1000	Nb	10	-	10	5				
Donaghadee	40	1008.1	-3	WSW	4	off	50	92	7	1500	Nb	10	1007.2	-6	SW	6	C	52	75	7	4000	St	5	AST	8	5				
Birr Castle	173	1008.1	-3	WSW	4	off	50	92	7	1500	Nb	10	1008.9	-1	SW	5	off	53	92	6	800	St	10	-	10	5				
Holyhead	20	1017.4	-7	S	6	off	49	97	5	800	Nb	10	1012.1	-7	SSW	6	0	51	97	6	1500	St	10	-	10	5				
Liverpool (Bidston)	130	1017.4	-7	S	6	off	49	97	5	800	Nb	10	1013.7	-5	SSW	3	C	52	85	8	4000	St	9	-	9	5				
Chester (Sealand)	16	1017.4	-7	S	6	off	49	97	5	800	Nb	10	1014.3	-2	SSW	5	C	53	75	6	2500	St	8	-	8	5				
Harrogate	478	1021.5	-2	SSW	4	C	39	92	6	6700	St	5	1018.7	-3	SSW	5	C	47	92	7	4000	Nb	2	AST	10	5				
Spurn Head	29	1021.5	-2	SSW	4	C	39	92	6	6700	St	5	1018.6	-3	SSW	4	C	41	97	7	4000	CuNb	8	AST	10	3				
Birmingham (Edgbaston)	585	1024.1	-5	SSW	4	C	33	85	7	4000	St	3	1019.1	-5	SSW	5	0	45	92	8	1500	St	10	-	10	5				
Cranwell	298	1024.1	-5	SSW	4	C	33	85	7	4000	St	3	1019.0	-6	SW'S	5	C	44	92	7	2500	St	10	-	10	1				
Gorleston	14	1027.1	-2	SSW	3	C	38	92	5	2500	St	6	1023.4	-4	SW'S	5	C	42	85	6	4000	St	10	-	10	1				
Valentia (Cahirreen)	30	1016.9	-5	SSW	4	off	52	97	6	800	St	10	1016.9	-5	SSW	6	off	53	97	8	800	St	10	-	10	6				
Roche Point	22	1016.9	-5	SSW	4	off	52	97	6	800	St	10	1016.8	-5	SW	6	off	52	97	6	800	St	10	-	10	6				
Pembroke (St. Ann's H.)	150	1020.9	-4	SW	4	off	61	97	3	450	St	10	1017.1	-4	SW	4	off	51	97	3	450	St	10	-	10	4				
Boss-on-Wye	223	1020.9	-4	SW	4	off	61	97	3	450	St	10	1019.8	-4	SW	4	off	49	85	7	2500	Nb	10	-	10	5				
Leafield	612	1020.9	-4	SW	4	off	61	97	3	450	St	10	1021.3	-4	SW	4	off	43	97	6	220	St	10	-	10	5				
Winchester (Worthy Dn.)	272	1023.4	-3	SSW	4	off	45	97	5	220	Nb	10	1023.4	-3	SSW	4	off	45	97	5	220	Nb	10	-	10	5				
S. Farnborough	237	1023.4	-3	SSW	4	off	45	97	5	220	Nb	10	1023.5	-3	SSW	4	0	45	97	6	450	St	10	-	10	5				
London (Kew Obs.)	16	1023.4	-3	SSW	4	off	45	97	5	220	Nb	10	1023.5	-4	SW	4	C	43	97	6	1500	St	5	AST	8	5				
Groydon	244	1027.4	-2	SW	4	C	37	97	6	-	0	AST	8	1024.5	-4	SW	5	bc	42	97	6	1500	St	3	AST	6	5			
Shoeburyness	11	1027.4	-2	SW	4	C	37	97	6	-	0	AST	8	1024.5	-4	SW'S	4	bc	41	97	8	-	0	AST	5	5				
Gravelly Hill	56	1027.4	-2	SW	4	C	37	97	6	-	0	AST	8	1024.5	-3	SSW	4	bc	41	92	7	5700	St	4	AST	4	2			
Felixstowe	15	1027.4	-2	SW	4	C	37	97	6	-	0	AST	8	1024.5	-3	SSW	4	b	42	92	7	-	0	AST	2	4				
Lymington	250	1027.4	-2	SW	4	C	37	97	6	-	0	AST	8	1026.0	-2	SSW	4	bc	42	92	6	1500	St	3	AST	4	5			
Soilly (St. Mary's)	163	1025.2	-1	WSW	4	ffo	51	97	2	800	St	10	1022.2	-2	SWW	5	off	51	97	7	2500	St	4	CST	10	5				
Falmouth (Pendennis)	200	1025.2	-1	WSW	4	ffo	51	97	2	800	St	10	1022.2	-2	SW	4	off	51	97	6	4000	St	10	-	10	1				
Plymouth (Cattewater)	88	1025.2	-1	WSW	4	ffo	51	97	2	800	St	10	1022.2	-2	WSW	5	off	51	97	7	800	Nb	10	-	10	2				
Portland Bill	32	1025.2	-1	WSW	4	ffo	51	97	2	800	St	10	1022.2	-2	SSW	5	off	50	97	4	800	St	10	-	10	6				
Southampton (Calshot)	10	1027.5	-4	SW	2	C	41	92	8	2500	St	8	1024.5	-2	SW'S	4	off	46	92	6	1500	St	10	-	10	3				
Dungeness	20	1028.0	-3	SW	3	C	47	85	8	1000	St	4	1026.5	-2	SW	4	bc	47	85	6	2500	Cu	6	-	6	4				
Guernsey (Fort George)	200	1027.6	-3	SW	3	C	45	92	8	4000	St	6	1026.5	-1	SSW	3	off	48	97	4	450	St	10	-	10	5				

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 23rd DECEMBER 1928.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
	Forenoon.	Afternoon.	Min. 5h-9h.	Max. 9h-17h.	Night 17h-5h.	Day 9h-17h.	Sunrise to Sunset.									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Bade	...	webc	bcc	32	43	0.6	-	1.6
								Penance	...	c	bcb	40	51	1	-	1.1
Berwick-on-Tweed	c	c	31	42	mm.	mm.	0.2	Paignton	...	wbcm	bcbm	34	47	-	-	4.2
								Torquay	...	bwcm	bcbm	37	47	Trace	-	4.6
Douglas (I.O.M.) ...	co	co	35	47	-	-	0.0	Jersey	...	b	bc	43	48	2	-	4.0
Llandudno ...	c	c	32	44	0.3	-	0.1	Weymouth	...	bhc	bc	36	45	1	-	3.4
Colwyn Bay ...	cbbc	oco	34	45	0.3	-	0.4	Bournemouth	...	mmb	m	33	42	3	-	1.3
Rhyl ...	co	oc	36	41	0.2	-	9.0	Ventnor	...	rbc	bc	37	46	1	-	3.7
Wallaey ...	fc	fc	33	41	-	-	0.0	Portsmouth (S. Lines)	...	bcb	bcm	37	42	2	-	4.0
Southport ...	zbc	oc	31	38	-	-	0.0	Bognor	...	cbe	bef	39	47	3	-	4.4
Blackpool ...	bcc	cm	30	39	-	-	0.0	Littlehampton	...	bc	bc	36	46	2	-	4.5
Ilkley ...	xbc	co	27	40	-	-	0.0	Worthing	...	cbe	bc	37	45	2	-	3.7
Cleethorpe ...	bf	boc	34	43	2	-	1.9	Brighton	...	bc	bef	40	46	2	-	4.7
Skagness ...	bcb	bhc	33	43	3	-	3.6	Eastbourne	...	mbebc	bcbm	38	49	2	-	4.4
Aberystwyth ...	xbcc	c	33	43	-	-	0.5	Hastings	...	bcm	bcm	39	47	3	-	3.5
Bath ...	mebc	cb	32	43	1	-	0.9	Folkestone	...	cbcm	bcm	39	46	4	-	4.1
Cheltenham ...	cm	bcm	32	46	-	-	0.4	Dover	...	bcm	mbbc	41	45	5	-	4.2
Leamington Spa ...	a	c	30	40	2	-	0.3	Tunbridge Wells	...	bcco	bcb	38	46	2	-	2.4
Lowestoft ...	b	b	37	44	3	-	4.4	Ramsgate	...	cbe	bc	40	46	2	-	3.5
Harwich & Dovercourt	rbc	bcm	36	47	2	-	5.0	Margate	...	cbe	bc	41	44	3	-	4.0
Maldon ...	cb	bc	38	45	2	-	2.4	Deal	...	eebcb	b	40	44	3	-	4.1
Southend ...	ombc	bcm	38	46	2	-	2.6									



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. 824505

TUESDAY 25th DECEMBER 1923.

Page 1.

Observations at 15h. G.M.T.															Observations at 15h. G.M.T.														
STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.				Barom. at M.S.L. mb.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.				Barom. at M.S.L. mb.	Change in 3 Hours.			
			Direc.	Force.					Low.	Upper.	Total.	Low.			Upper.	Total.													
																					Height.	Form.	Amt.	Height.			Form.	Amt.	Height.	Form.	Amt.
(For heights see p. 2.)			0-12					0-8	Feet		0-10			0-12						0-8	Feet		0-10			0-12			
Lerwick ...	995.6	-6	SSW	3	c/p	45	85	7	1500	Nb	5	995.2	-2	SSW	3	c	45	85	8	1500	Cu	3	-	3	-	3	-	3	
Bornoway ...	994.3	-7	SSW	5	GRK	44	97	6	800	St	10	993.9	-2	W	4	CHAS	39	92	7	2500	CuNb	3	-	3	3	3	3		
Wick ...	996.0	-3	SW	3	c	42	92	8	1500	Nb	6	995.4	-2	W	2	c	41	92	8	2500	St	3	-	3	3	3	3		
Three ...	1002.2	-6	W	6	bc	45	85	8	1500	CuNb	5	1003.2	-2	W	6	bc	41	85	8	2500	CuNb	5	-	5	7	7	7		
Nairn ...	998.8	-10	NNW	3	c	43	97	8	1500	Nb	3	998.8	-10	W	2	bc	38	75	8	2500	Cu	4	-	4	-	4	-		
Aberdeen ...	998.8	-10	NNW	3	c	43	97	8	1500	Nb	3	998.4	-13	SW	3	bc	42	75	8	-	-	0	ac	1	0	0	0		
Main Head ...	1003.3	-1	WSW	6	bc/p	47	75	7	4000	CuNb	3	1006.3	-13	WSW	6	bc/p	43	75	8	4000	CuNb	2	ac	3	6	6	6		
Bonfrew ...	1002.7	-1	WSW	5	c	48	75	8	4000	St	6	1005.0	-13	W	4	c	40	85	8	4000	CuNb	1	-	1	-	1	-		
Edinburgh(Inchkeith) ...	1000.9	-1	WSW	6	off	48	92	7	1500	Nb	10	1003.3	-13	WSW	6	bc	43	85	7	1500	Cu	5	-	5	3	3	3		
Leuchars ...	999.9	-10	WSW	5	c/p	50	85	7	800	Nb	7	1002.4	-10	WSW	5	bc	40	85	8	4000	St	2	ac	2	-	2	-		
Baldalechuir ...	1003.5	-3	SW	6	off	48	92	6	800	Nb	10	1006.3	-10	WSW	5	bc	40	75	8	4000	Cu	4	-	4	-	4	-		
Tynemouth ...	1005.2	-5	SW	6	c	53	85	6	1500	Cu	8	1008.8	-10	W	4	c/p	47	85	6	1500	Nb	10	-	10	1	1	1		
Blackhead Point ...	1008.3	-5	WSW	5	c	46	65	8	4	CuNb	8	1009.9	-12	WN	4	bc(R)	42	75	8	-	-	6	-	6	5	5			
Donaghadee ...	1006.6	-11	W	5	c/p	48	85	7	2500	Nb	8	1008.8	-13	WN	3	b	40	85	7	4000	Cu	2	-	2	2	2	2		
Birr Castle ...	1010.2	-4	SW	3	c/p	47	85	6	1500	Nb	9	1011.7	-4	SW	2	bc	42	85	7	1500	Cu	4	ac	7	-	7	-		
Holyhead ...	1008.2	-4	SW	5	off	51	97	5	800	Nb	10	1011.5	-7	WSW	3	bc	47	85	6	2500	St	3	-	3	1	1	1		
Liverpool (Bldston) ...	1009.9	-8	SWW	5	c	52	85	8	1500	St	10	1010.7	-13	W	4	c	45	92	7	5700	St	9	-	9	-	9	-		
Chester (Sealand) ...	1010.5	-7	SW	5	c+	55	75	8	800	Nb	7	1011.0	-14	-	0	c/p	46	85	7	1500	St	10	-	10	-	10	-		
Harrogate ...	1008.6	-2	SSW	6	c	51	85	6	2500	Nb	7	1009.7	-13	WSW	4	c/p	44	85	7	4000	Nb	7	ac	10	-	10	-		
Spurn Head ...	1012.1	-3	SW	5	c-	48	92	7	4000	CuNb	4	1013.0	-10	SW	5	c/p	49	85	7	4000	CuNb	9	-	9	3	3	3		
Birmingham(Nagbston) ...	1015.0	-5	SSW	4	c	50	85	8	1500	Nb	9	1017.7	-12	SSW	4	off	49	92	7	800	Nb	10	-	10	-	10	-		
Cranwell ...	1014.7	-6	SW	5	c	51	85	8	1500	St	10	1017.7	-12	SW	6	c/p	51	85	6	1500	St	8	ac	10	-	10	-		
Gravelton ...	1015.9	-4	SSW	5	c	46	92	6	2500	Nb	10	1018.5	-11	SSW	5	c	48	92	6	1500	Nb	10	-	10	4	4	4		
Valentia (Oahirovoan) ...	1013.0	-5	WS	3	bc/p	48	85	8	1500	St	6	1017.5	-13	W	4	bc	46	75	8	2500	Cu	7	-	7	6	6	6		
Roche Point ...	1013.3	-1	WS	3	c	52	97	8	1500	Nb	9	1017.7	-12	W	3	c/p	49	85	8	1500	CuNb	8	-	8	1	1	1		
Pembroke(St. Ann's H.) ...	1013.2	-4	SW	5	od	51	97	4	450	St	10	1013.2	-1	SW	3	c/p	50	92	7	1500	St	10	-	10	4	4	4		
Ross-on-Wye ...	1015.3	-7	SWW	5	c	50	92	6	2500	Nb	10	1013.1	-12	SW	5	c-	50	92	7	2500	Nb	10	-	10	-	10	-		
Leafield ...	1017.4	-4	SW	5	c/p	49	92	9	1500	St	10	1014.3	-12	SSW	5	od+	48	97	7	1500	Nb	10	-	10	-	10	-		
Winchester (Worthy Is.) ...	1020.6	-4	SSW	4	off	50	97	7	450	Nb	10	1017.6	-12	SSW	5	c	50	92	8	1500	St	10	-	10	-	10	-		
S. Farnborough ...	1012.3	-4	SW	5	od	50	97	6	800	Nb	10	1017.7	-13	SW	5	off	50	85	7	800	St	10	-	10	-	10	-		
London (Kew Obs.) ...	1010.1	-5	SSW	4	od	48	97	5	450	Nb	10	1016.9	-13	SW	5	c-	50	85	6	800	Cu	1	ac	9	-	9	-		
Croydon ...	1010.6	-5	SWW	4	od	49	97	5	450	St	10	1018.3	-12	SWW	4	c/p	49	97	6	800	Nb	9	-	9	-	9	-		
Shoeburyness ...	1017.1	-4	SW	4	c+	47	97	8	400	St	9	1018.1	-13	SW	3	od	48	97	7	800	Nb	10	-	10	-	10	-		
Olsson-on-Sea ...	1010.3	-7	SSW	5	c	46	92	7	2500	St	10	1017.0	-12	SSW	4	od	45	97	6	4000	St	10	-	10	3	3	3		
Feltham ...	1012.5	-5	SW	5	c	48	97	5	2500	St	10	1017.6	-12	SSW	5	od	46	97	7	1500	Nb	10	-	10	-	10	-		
Lymington ...	1012.5	-5	SW	5	off	48	97	5	220	St	10	1020.1	-12	SW	6	od	47	97	3	1500	St	10	-	10	-	10	-		
Scilly (St. Mary's) ...	1019.1	-3	SSW	6	c	52	97	6	4000	St	10	1017.4	-1	SW	5	off	51	97	6	2500	Nb	10	-	10	5	5	5		
Malinbeg (Pondoxis) ...	1019.5	-4	SW	5	c/p	52	97	7	2500	Nb	6	1016.3	-1	SW	5	off	52	97	6	2500	Nb	10	-	10	2	2	2		
Plymouth(Oatwater) ...	1020.2	-5	SW	6	c	52	92	7	800	Nb	10	1017.2	-4	SW	7	od	51	97	6	220	Nb	10	-	10	5	5	5		
Portland Bill ...	1020.3	-3	SSW	5	c	51	92	6	1500	St	10	1018.8	-3	SW	6	off	52	92	8	1500	St	10	-	10	6	6	6		
Southampton(Calshot) ...	1021.4	-5	SWW	5	od	50	97	6	800	St	10	1018.6	-1	WSW	5	od	50	92	7	800	St	8	-	8	3	3	3		
Bangor ...	1021.6	-5	SW	5	c/p	47	97	8	1500	St	10	1020.1	-13	SW	6	od	47	97	7	800	Nb	10	-	10	5	5	5		
Guernsey (Fort George) ...	1024.3	-3	SW	4	od	50	97	7	800	St	8	1021.4	-1	SW	5	c	51	97	8	800	Nb	9	-	9	4	4	4		
LONDON OBSERVATIONS.															ATMOSPHERIC POLLUTION.														
Day 7h-15h, Eux & Croydon.															Milligrams of Solid Impurity per cubic metre.														
Sh. 15h, Kensington.															24 HR. ended Th. G.M.T. 25 th														
Sh. 21h, other stations.															South Kensington														
Eux															Max. Time Min. Time														
Croydon															13 9 ^h 24 ^h 40 ^h 3 ^h														
Greenwich (Royal Obs.)															Eux Observatory														
City (Bonhill Row)															Max. Time Min. Time														
Westminster (St. James' Pk.)															Max. Time Min. Time														
Regent's Pk. (Botanic Gdns.)															Max. Time Min. Time														
Davies Square															Max. Time Min. Time														
Kensington Palace															Max. Time Min. Time														
Hamstead Observatory															Max. Time Min. Time														
TABLE SHOWING THE GREENWICH TIME OF SUMMER NOON, AND SUNSET.															BEAUFORT NOTATION OF WEATHER.														
25 th 26 th 27 th Dec. 1895.															b blue sky (not more than a quarter covered with cloud). bc sky partly cloudy (one half covered). c generally cloudy. d drizzle. e wet air. g gloomy. f fog, visibility 200-1000 m. F thick fog, " less than 200 m. m mist, " 1000-12000 m. h hail. i intermittent. j precipitation without sight of station. KQ line equal. l lightning. o overcast sky. p passing showers. q equally. r rain. s snow. Ts shower. t thunder. u fog, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air. z dust haze; the turbid atmosphere of dry weather. h(r) " hail " or " rain and hail." Capital letters indicate intense; suffix a indicates slight; repetition of letters indicates continuity. S = heavy rain. v = slight rain. rr = continuous rain. SYMBOLS. < = (less than (for cloud height). > = (more than (for cloud height). ☉ = solar halo. ☾ = lunar halo. With present weather is combined, whenever possible, the general character of the weather. A "solid" divides actual existing weather from preceding conditions, thus: -bc-r = fair weather after rain; -w = has decreased; +w = has increased.														
PRAYONS. Sunrise. Noon. Sunset.															SEA DISTURBANCE.														
Yarmouth. 8.2 11.53 15.40															0=no swell } Calm or slight														
Greenwich. 8.7 11.54 15.41															1=mod. swell } slight														
Wick. 8.7 12.0 15.53															2=heavy swell } mod.														
Valentia. 8.51 12.41 16.32															3=no swell } Moderate														
															4=mod. swell } mod.														
															5=heavy swell } mod.														
															6=rough sea.														
															7=rough sea.														
															8=very rough sea.														
															9=mountainous sea.														
															Beaufort No. Statute miles per hour.														
															0 Less than 1														
															1 1-3														
															2 4-7														
															3 8-12														
															4 13-18														
															5 19-24														
															6 25-31														
															7 32-36														
															8 37-46														
															9 47-64														
															10 65-83														
															11 84-106														
															12 Above 75														
															TELEGRAPHIC CODE FOR SURFACE VISIBILITY.														
															0. Dense fog. 200 "														
															1. Thick fog. 500 "														
															2. Fog. 500 "														
															3. Moderate fog. 1100 "														
															4. Mist or haze. 1 1/2 miles.														
															5. Poor visibility. 2 1/2 "														
															6. Moderate. 4 1/2 "														
															7. Good. 10 1/2 "														
															8. Very good. 51 "														
															9. Excellent visibility, beyond 51 "														

28th DECEMBER

ISALLOBARS

23rd DECEMBER 1905

POSITION NUMBERS

Barometric Change (from 4th to 7th (Half) millions)

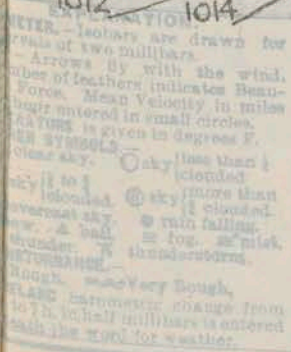
Observations from Cross Channel Steamers

Portion.	Date and Time.	Steamship.	Wind.		Weather.	Temp.		Visibility.
			Dirac.	Force.		Air.	Sea.	
1	23 rd 1905	Scotia	S	6	Cl	50	51	1

A ridge of relatively high pressure is crossing the British Isles, and a fresh and rapidly deepening depression, some 800 miles westward of Ireland, will move eastwards quickly. Winds will be southerly generally, strong to gale in western districts and increasing in the east. Rain starting in the West will probably extend to all districts by tomorrow. Temperature will continue rather mild or moderate at first, falling later.

Unsettled,
colder,
possibility of
wintry showers in
all districts.

South Cone
still flying.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION. TUESDAY 25th DECEMBER 1928.

No. 550.

STATIONS.		Height above M.S.L. in feet.	Observations at 1h. G.M.T.										Observations at 7h. G.M.T.										Prev. Day.						
			Barom. at M.S.L. in mb.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility.	Cloud.			Barom. at M.S.L. in mb.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity %.	Visibility.	Cloud.							
					Dir.	Force.					Height.	Form.	Amt.			Upper Form.	Total Amt.					Dir.		Force.	Height.	Form.	Amt.	Upper Form.	Total Amt.
Lerwick	...	54																											
Stornoway	...	90																											
Wick	...	21																											
Thurso	...	25																											
Kairn	...	33																											
Aberdeen	...	57																											
Malin Head	...	81																											
Benfrew	...	80																											
Edinburgh (Inchkeith)	...	783																											
Leuchars	...	90																											
Eskdalemuir	...	794																											
Tynemouth	...	67																											
Blackhead Point	...	10																											
Donaghadee	...	40																											
Birr Castle	...	173																											
Holyhead	...	26																											
Liverpool (Bidston)	...	182																											
Chester (Sealand)	...	16																											
Harrogate	...	476																											
Spurn Head	...	20																											
Birmingham (Edgbaston)	...	553																											
Cranwell	...	238																											
Gorleston	...	14																											
Valentia (Cahiriveen)	...	30																											
Roche Point	...	25																											
Pembroke (St. Ann's H.)	...	150																											
Ross-on-Wye	...	225																											
Leafield	...	612																											
Winchester (Worthy D.)	...	272																											
S. Farnborough	...	237																											
London (Kew Obs.)	...	16																											
Orologon	...	244																											
Shoeburyness	...	11																											
Olaeton-on-Sea	...	54																											
Felixstowe	...	15																											
Lympne	...	200																											
Seilly (St. Mary's)	...	145																											
Falmouth (Pendennis)	...	200																											
Plymouth (Cattewater)	...	82																											
Portland Bill	...	33																											
Southampton (Calshot)	...	10																											
Dungeness	...	30																											
Guernsey (Fort George)	...	296																											

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25th DECEMBER.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Forenoon.	Afternoon.	Min.	Max.	Night	Day	Sunrise to Sunset.								
			9h. to 24h.	9h. to 17h.	17h. to 9h. 24h.	9h. to 17h. 24h.									
			°F.	°F.	mm.	mm.	hr.								
Berwick-on-Tweed	c	c/r	34	53	Trace	1	0.0	Bude	...	...	...	...	...	...	...
Douglas (I. o. M.) ...	c/r	c/b	38	50	1	6	0.0	Penzance	...	...	...	...	...	...	...
Llandudno ...	c	r	36	56	Trace	7	0.2	Paignton	...	...	...	...	...	...	...
Oakwyn Bay ...	c/r	c/r	36	53	-	4	0.0	Torquay	...	...	...	...	...	...	...
Rhyl ...	c	c/p	35	53	-	4	0.0	Jersey	...	...	...	...	...	Trace	0.2
Wallasey ...	c	c/r	36	53	-	4	0.0	Weymouth	...	...	...	...	...	0.3	0.0
Southport ...	c	c/r	37	52	1	6	0.0	Bournemouth	...	...	...	...	...	0.3	0.0
Blackpool ...	c/r	c/r	32	(50)	0.2	7	0.0	Ventnor	...	...	...	...	Trace	1	0.0
Hikley ...	c	c	35	52	-	4	0.0	Portsmouth (S. Sea)	...	...	...	...	...	1	0.0
Cleethorpe ...	c	c	35	51	-	-	0.0	Bognor	...	...	...	...	...	0.3	0.0
Skagness ...	c	c	35	49	-	-	0.0	Littlehampton	...	...	...	...	...	1	0.0
Aberystwyth ...	c/r	c/r	41	51	0.3	9	0.0	Worthing	...	...	...	...	Trace	Trace	0.0
Bath ...	c	c	34	53	Trace	Trace	0.0	Brighton	...	...	...	...	...	0.2	0.0
Cheltenham ...	c	c	40	52	Trace	1	0.0	Eastbourne	...	...	...	...	...	0.1	0.0
Leamington Spa ...	c	c	32	52	-	-	0.0	Hastings	...	...	...	...	...	0.4	0.0
Lowestoft ...	c	c	35	48	-	-	0.0	Folkestone	...	...	...	...	...	0.2	0.2
Harwich & Dovercourt	c/b	c/c	35	47	Trace	-	0.0	Dover	...	...	...	...	...	0.2	0.2
Malden	c	c	30	50	-	Trace	0.0	Tenbridge Wells	...	...	...	...	...	1	0.0
Southend	c	c/r	36	48	Trace	Trace	0.0	Ramsgate	...	...	...	...	...	-	0.0
								Margate	...	...	...	...	Trace	Trace	0.4
								Deal	...	...	...	...	...	-	0.5

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received.

† The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. § See footnote page 1.

¶ At stations marked thus the maximum temperature is for the period 9h.-17h., the minimum for the period 17h.-9h. * 12h.-3h.

BRITISH SECTION.

NO. E. 24506

WEDNESDAY 26TH DECEMBER 1928

Page 1.

Observations at 13h. G.M.T. 25th														Observations at 18h. G.M.T. 25th														
STATIONS	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud.				State of ground.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud.				Sea.		
			Dirac.	Force					Height	Form	Amt.	Upper Form.				Total Amt.	Dirac.					Force	Height	Form	Amt.		Upper Form.	Total Amt.
(For heights see p. 4).																												
Lerwick ...	998.4	-2	SW	3	cj	A2	85	8	1500	Nb	5	AST	8	998.2	-3	SW	3	QJ	A1	85	8	1500	CNb	5	AST	9	.	
Sornoway ...	998.8	-4	SW	3	c	A0	92	7	1000	CNb	9	-	9	998.4	-6	WSW	2	OTG	A1	92	6	2500	Nb	10	-	10	1	
Wick ...	1002.8	-1	SW	3	c	39	92	8	1500	CNb	6	CST	10	998.6	-5	SW	5	c	A1	92	8	1500	St	5	AST	10	3	
Tiree ...	1003.8	-3	SW	6	od	A4	92	8	1500	Nb	10	-	10	997.2	-8	SW	6	OT	A4	97	7	800	Nb	10	-	10	7	
Nairn ...	1007.1	0	"	"	"	"	"	"	"	"	"	"	"	1002.1	-	W	1	bct	39	85	8	2500	CNb	7	-	7	0	
Aberdeen ...	1007.3	-2	SW	5	bc	A2	75	7	2500	Cu	1	CST	5	1002.2	-7	SSW	5	c	A3	75	7	2500	St	1	AST	10	0	
Malin Head ...	1008.8	-7	SSW	5	CT	A2	92	7	4000	Nb	2	AST	10	994.3	-16	SSE	5	CT	A4	97	6	4000	Nb	4	AST	10	6	
Renfrew ...	1010.0	-4	SSW	5	c	A3	75	7	2500	Cu	4	AST	10	1002.6	-10	S	5	OTT	A6	92	6	1500	Nb	10	-	10	.	
Edinburgh (Inchkeith) ...	1009.9	-1	SW	5	c	A3	75	8	1500	St	5	AST	9	1003.4	-9	SW	5	c	A5	85	8	1500	St	10	-	10	2	
Leuchars ...	1009.4	-3	SW	4	c	A2	75	7	4000	STC	1	Cu	8	1003.1	-9	SW	4	c	A3	75	7	2500	STC	2	AST	10	.	
Dundalemuir ...	1012.5	-3	SSW	6	c	A1	85	8	1500	Cu	8	-	8	1005.2	-10	S'W	5	OTT	A1	92	7	1500	Nb	10	-	10	.	
Tynemouth ...	1014.7	-2	WSW	3	CT	A3	75	7	1500	St	8	-	8	1009.5	-5	S	3	c	A1	85	7	1500	St	10	-	10	2	
Blackad Point ...	1008.8	-2	SW	4	OR	A3	85	7	2500	Nb	10	-	10	991.0	-9	SW	8	c	SA	85	6	2500	CNb	10	-	10	8	
Donaghadee ...	1012.9	-5	SW	3	c	A2	85	8	4000	STC	6	AST	8	1001.4	-17	SSW	6	OTT	A6	92	6	2500	Nb	10	-	10	5	
Barr Castle ...	1010.9	0	SW	3	c	A3	85	7	1500	Cu	4	AST	9	999.7	-11	SW	5	OTT	50	92	6	800	Nb	10	-	10	0	
Holyhead ...	1016.0	-6	SSW	5	c	A3	75	8	2500	Cu	7	CST	9	1007.1	-11	S	6	OTT	A3	97	5	800	Nb	10	-	10	2	
Liverpool (Bilston) ...	1017.6	-2	SSW	3	bc	A2	75	7	2500	CNb	2	CST	7	1010.1	-7	SSE	4	c	A3	85	7	2500	Cu	2	CST	8	9	
Chester (Sealand) ...	1016.4	-2	SSE	2	c	A2	85	6	4000	STC	3	AST	9	1010.6	-12	SSW	5	CTG	A5	85	7	2500	STC	10	-	10	.	
Harrgate ...	1017.9	-1	SSW	4	bc	A1	75	8	2500	St	3	CST	5	1012.0	-9	S	4	c	A0	85	5	5700	Nb	9	AST	10	.	
Spurn Head ...	1018.0	0	W'S	4	c	A0	85	7	5700	STC	5	AST	9	1015.0	-3	S'W	5	c	A0	75	7	5700	STC	7	AST	10	2	
Birmingham (Edgaston) ...	1021.7	-1	SSW	3	CT	A1	75	6	-	-	0	AST	9	1015.2	-8	S	4	c	A2	85	8	4000	STC	3	CST	8	.	
Canwell ...	1020.8	-1	WSW	4	CT	A1	85	6	7200	STC	8	CST	10	1017.5	-4	S'W	5	c	A1	85	6	2500	St	10	-	10	.	
Cardleston ...	1022.4	+3	WSW	2	bc	A2	92	6	-	-	0	Cu	6	1021.5	-2	SSW	4	bc	38	97	6	-	-	0	CST	7	0	
Valentia (Cahirciveen) ...	1010.2	-9	S	5	CTT	A3	92	7	800	Nb	9	AST	10	1001.6	-6	SSW	7	od	SA	97	5	450	St	10	-	10	6	
Roche's Point ...	1015.3	-6	SW	4	CT	A9	97	7	1500	Nb	10	-	9	1005.7	-11	SW	6	OTT	53	97	7	800	Nb	10	-	10	6	
Pembroke (St. Ann's H.) ...	1019.7	+1	SSW	4	CT	50	75	8	1500	STC	10	-	10	1011.3	-7	SW	5	OTT	50	97	6	800	St	10	-	10	5	
Ross-on-Wye ...	1020.9	-1	SW	4	c	A4	75	8	-	-	0	AST	9	1015.8	-8	SSW	3	od	47	85	7	2500	Nb	9	AST	10	0	
Leafeld ...	1023.1	0	S'W	3	CT	39	85	6	-	-	0	CST	9	1017.3	-5	S	5	CT	A2	85	7	-	-	0	AST	9	.	
Warrickstead (Worthy Dn) ...	1024.1	-2	S	2	mm	A3	85	4	-	-	0	-	0	1020.9	-3	S	4	CT	A4	85	6	1500	Nb	8	-	8	.	
S. Farnborough ...	1024.3	0	SW	2	c	A4	75	7	-	-	0	Cu	8	1021.6	-3	S	4	CT	A3	85	7	2500	STC	6	AST	9	.	
London (New Obay.) ...	1024.2	-1	SW	3	c	A4	75	6	-	-	0	CST	9	1021.5	-5	S'W	4	c	A4	85	6	4000	St	7	AST	10	.	
Oxeydon ...	1024.2	-1	WSW	3	CT	A6	65	6	-	-	0	Cu	9	1021.7	-4	SW'S	4	c	A3	85	6	4000	STC	9	-	9	.	
Shoeburyness ...	1024.1	+2	WSW	1	bct	A3	97	6	-	-	0	CST	6	1022.5	-2	S	2	c	A1	92	6	-	-	0	AST	10	.	
Clifton-on-Sea ...	1023.6	+1	WSW	2	c	A4	75	6	-	-	0	CST	8	1022.1	0	SSW	3	bc	A2	85	7	7200	STC	6	-	6	2	
Palisadoe ...	1023.6	+1	WSW	2	c	A4	75	6	-	-	0	CST	8	1023.4	-2	S'W	4	c	A2	85	7	-	-	0	AST	8	0	
Lymington ...	1024.3	+1	W'N	2	c	A3	75	6	-	-	0	Cu	9	1023.4	-2	S	3	bc	A1	75	6	-	-	0	AST	7	.	
Scilly (St. Mary's) ...	1021.4	-2	SW	5	c	50	85	7	4000	STC	9	-	9	1017.0	-4	SSW	6	OTT	52	97	5	2500	Nb	10	-	10	6	
Palmouth (Pendennis) ...	1022.1	-4	SSW	4	c	50	85	8	4000	Nb	5	AST	10	1017.7	-4	SW'S	5	c	52	92	8	4000	STC	10	-	10	4	
Plymouth (Cattewater) ...	1023.2	-3	SW	4	CT	51	85	7	2500	Cu	1	AST	9	1018.8	-6	SW	6	c	51	97	7	1500	Nb	10	-	10	5	
Portsmouth Bill ...	1023.7	-1	SW	4	c	A1	75	8	2500	Cu	3	AST	10	1019.1	-6	SW	6	c	51	85	8	2500	STC	6	AST	10	0	
Southampton (Calshot) ...	1024.6	0	SW	2	c	A6	85	7	4000	STC	1	AST	9	1021.7	-4	SW'S	5	c	47	85	7	4000	STC	6	AST	9	0	
Dungeness ...	1025.0	0	W	1	CT	A6	85	8	5700	STC	3	AST	8	1024.4	-2	SW	3	c	47	75	8	-	-	0	AST	9	2	
Guernsey (Fort George) ...	1025.7	-1	WSW	2	CT	50	75	8	2500	CNb	5	AST	9	1023.2	-2	SW	3	c	50	85	8	4000	STC	7	AST	10	0	

LONDON OBSERVATIONS.		WEATHER.		TEMPERATURE.			RAIN-FALL.	SUN-SHINE.	HUMIDITY.		ATMOSPHERIC POLLUTION.	POLE STAR RECORD at Greenwich Obsy.		CODE FOR STATE OF GROUND.	
Day.	Th. Wh. Dew & Croydon.	Morn-ing.	After-noon.	Night.	Th. x. Min. Min. on Grass.	Day.	Night.	h. m. Sun-Set hrs.	h. m. G.M.T.	h. m. G.M.T.	Milligrams of Solid Impurity per cubic metre.	Exposur- from			
Th. Wh. Kensington.								YESTERDAY.		TO-DAY.					
Th. Wh. other stations.															
Kew	18	bmc	cm	pcly	42	44	42	0.1	2.2			South Kensington	Max. Time Min. Time	1.3 10h 25h 403 26h 4	8=Snow (deep impeding traffic, usually a continuous layer).
Croydon	24	bmc	cm	pcly	46	43	39	0.1	2.3			Kew Observatory	Max. Time Min. Time	1.3 10h 25h 403 26h 4	9=Grazed roads (ice on roads from frozen rain or melted snow).
Greenwich (Royal Obsy.)	14	bmc	cm	pcly	47	47	35	0.1	1.3	71	87				
City (Bunhill Row)	20														
Westminster (St. James' Pk.)	27				55	40	28	1	0.4	58	88				
Regent's Pk. (Botanic Gdn.)	102														
Camden Square	110	bmc	c		47	47					90				
Kensington Palace	80	bc	bcm		46	44	42				87				
Hampstead Observatory	480								1.5						

[illegible]

† The no. rain has fallen, but amount less than 0.1 mm.

* Information for these columns not usually received.

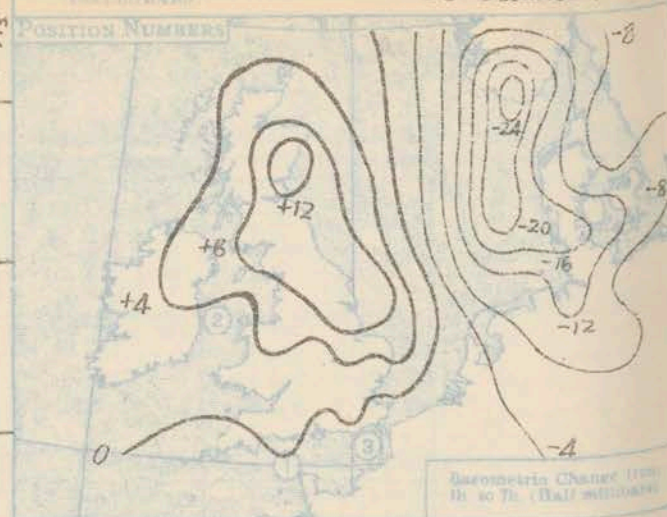
‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PART 24 HOUR

SUN

26th DECEMBER, 1928.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.			SUN 25th
	7h-12h 25th	12h-18h 25th	18h-25th to 1st Dec	1h-7h 26th	MAX. Day	MIN. Night	MIN. on Grass	Day 7h-18h mm. began.	Night 18h-7h mm. began.	Hour.	
Lerwick	cphr	cpr	cpr	cpr	43	33	.	2 48.00	3 42.00	0.6	
Stornoway	bccprr	cpr	cpr	cpr	41	35	.	4 48.00	5 42.00	0.0	
Wick	c	c	cpr	cpr	41	35	.	.	3 42.00	.	
Tiree	prhc	rr	rr	prbc	45	40	36	7 48.00	10 42.00	0.0	
Nairn	bcc	cd bc	crr	cbbcx	41	36	.	0.2 14.30	7 42.00	0.0	
Aberdeen	bc	c	crr	otrb	43	37	33	.	14 42.00	1.5	
Malin Head	bccr	ctrr	ctrr	crr	45	40	.	3 9.00	4 42.00	0.0	
Rosfrow	cq	cqrrm	offg	cq	44	40	36	5 14.30	17 42.00	0.0	
Edinburgh (Inchkeith)	bcc	co	crr	crr	45	41	39	14.00	1 22.00	0.5	
Leuchars	bccr	c	crr	crr	43	38	34	0.3 9.00	9 42.00	1.3	
Bekdalemuir	bcc	cprrr	crr	crr	41	37	35	2 16.30	26 42.00	0.0	
Tynemouth	bcc	co	crr	bc	44	41	38	.	0.4 42.00	.	
Blackod Point	crr	Rq/c	pr/c	pr/c	55	42	.	23 .	2 .	.	
Donaghadee	bcc	crrm	trrr	cq/bc	46	40	.	3 15.30	5 42.00	.	
Birr Castle	c	crr	crr	c	50	42	36	2 14.30	2 42.00	0.0	
Holyhead	bcc	trrr	trrr	c	49	46	45	1 14.30	2 42.00	0.0	
Liverpool (Bidston)	bcc	bcc	crr	c	44	42	41	.	0.1 42.00	0.0	
Chester (Sealand)	bccm	crr	crr	bc	45	44	42	16.30	1 42.00	0.0	
Harrogate	bcc	bcc	crr	crr	41	40	38	.	2 42.00	0.5	
Spurn Head	bcc	c	crr	crr	42	39	.	.	1 42.00	0.9	
Birmingham (Edgbaston)	bcc	c	crr	c	42	41	39	.	2 42.00	0.0	
Cranwell	c	c	c	c	43	40	38	.	1 42.00	0.0	
Gorleston	bcc	bc	crr	crr	43	38	35	.	2 42.00	2.2	
Valentia (Cahirvean)	cpr	crr	crr	crr	54	46	41	13 9.00	4 42.00	0.0	
Roches Point	crr	crr	crr	crr	54	47	.	9 11.00	4 42.00	.	
Pembroke (St. Ann's H.)	bccr	crr	crr	crr	51	48	.	1 13.30	12 42.00	0.0	
Ross-on-Wye	bcc	c	crr	crr	47	47	45	.	5 42.00	0.2	
Leafield	bcc	crr	crr	crr	42	42	40	17.30	5 42.00	0.9	
Winchester (Worthy De)	bccm	bccm	crr	crr	44	43	42	16.30	5 42.00	0.1	
S. Farnborough	c	crr	crr	crr	45	43	42	.	1 42.00	2.0	
London (Kew Obs.)	crr	crr	crr	crr	45	44	42	0.1	1 42.00	2.9	
Croydon	b, cm	crr	crr	crr	46	43	39	.	1 42.00	2.3	
Shoeburyness	bccm	bccm	crr	crr	44	40	39	.	16 22.00	2.1	
Olaeton-on-Sea	bc	bc	crr	crr	43	41	34	.	0.1 2.30	3.2	
Felixstowe	bccr	crr	crr	crr	44	42	37	.	0.5 22.00	3.3	
Lymington	bccm	crr	crr	crr	46	42	36	.	2 24.00	4.3	
Soilly (St. Mary's)	bcc	crr	crr	crr	52	52	.	0.1 16.30	0.6 42.00	0.1	
Falmouth (Pendennis)	bccr	crr	crr	crr	54	51	.	0.3 11.00	0.6 42.00	0.0	
Plymouth (Cattewater)	bcc	crr	crr	crr	52	51	47	0.1 15.30	1 42.00	0.4	
Portland Bill	bcc	c	crr	crr	51	50	.	.	0.3 42.00	.	
Southampton (Calshot)	b, c	c	crr	crr	47	42	40	.	2 24.00	1.5	
Dungeness	bcc	c	crr	crr	41	.	.	.	1 22.00	.	
Guernsey	bcc	crr	c	crr	51	50	.	3 14.30	.	.	



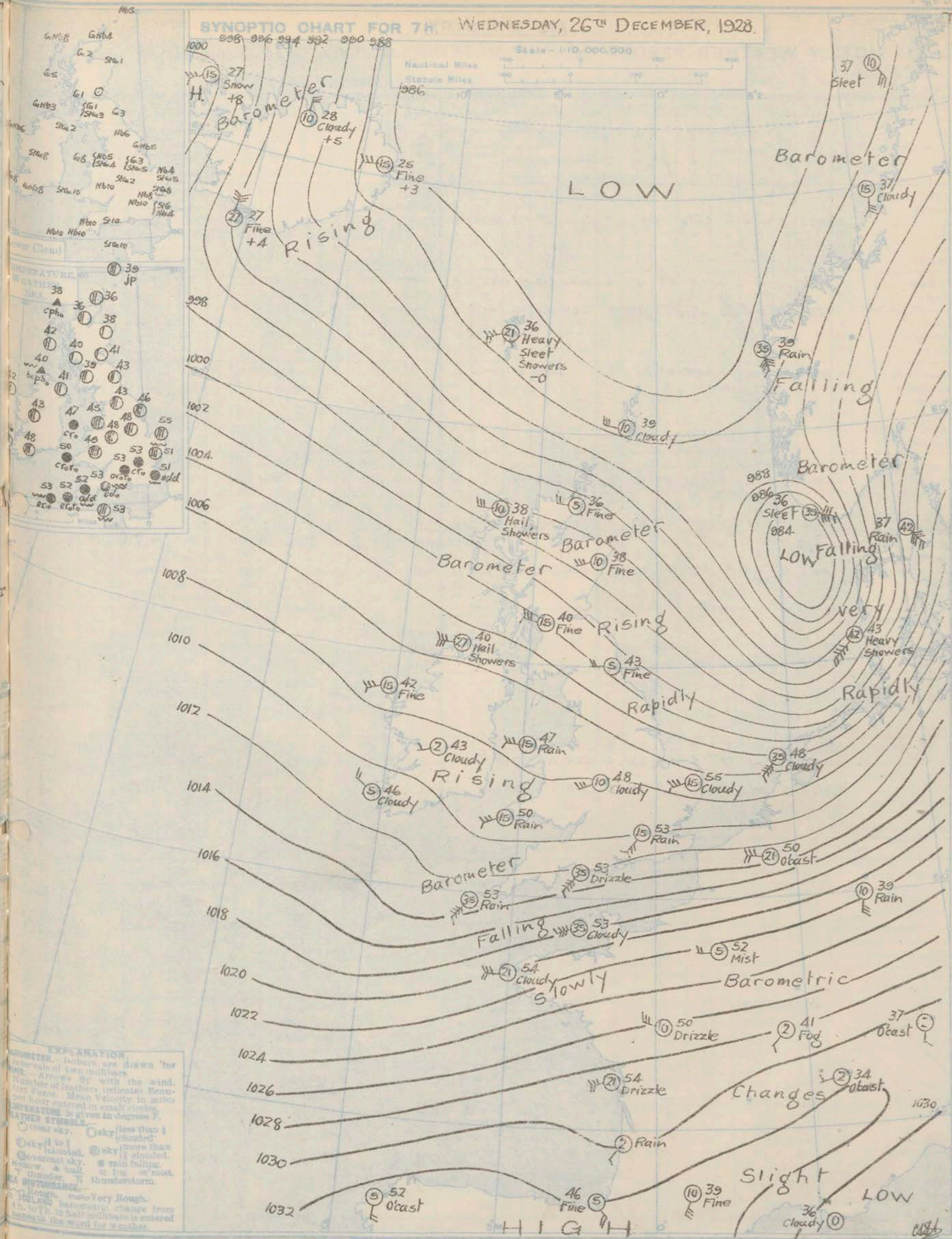
Position	Date and Time	Steamship	Wind	Weather	Temp.
			Dirac	Force	Air Sea

GENERAL INFERENCE.

A brisk rise in pressure has occurred in the rear of a depression now centred over Southern Norway, but conditions continue favourable for the approach of further depressions. Winds will be mainly westerly, strong locally at first but moderating gradually. Showers and fair periods will occur in Scotland, Ireland and Northern England with a moderate to rather low temperature. In Southern England rain at first will be followed by fairer conditions with a mild to moderate temperature.

Districts.	Forecast for the 24 hours commencing 12 Noon G.M.T. Wednesday, 26th December, 1928.	Farther Outlook
1. S.E. England	Wind between S.W. and W. strong, reaching gale force locally in coastal areas, veering to N.W. and moderating tomorrow, cloudy, occasional rain, fairer periods later; mild to moderate temperature.	Unsettled, changeable temperature.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales	W. to N.W. winds, strong to moderate, showers and fair periods, wintry showers probable on high ground, night frost, moderate to rather low temperature.	
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. S.E. Scotland		
12. S.W. Scotland & Isle of Man		
13. W. Scotland		
14. N.W. Scotland		
15. Mid-Scotland		
16. N.E. Scotland	W. to N.W. winds, strong, squally, moderating, cloudy; wintry showers; rather cold.	
17. Orkneys and Shetlands		
18. N.W. Ireland	W. to N.W. winds, strong to moderate, cloudy, showers of rain or hail, fairer periods, moderate to rather low temperature; ground frost locally inland at night.	
19. N.E. Ireland		
20. S.E. Ireland		
21. S.W. Ireland		

WEDNESDAY, 26TH DECEMBER, 1928



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION... WEDNESDAY 26th DECEMBER... 1928.

No. 361...

BRITISH SECTION. WEDNESDAY 26 th 1928.														NO. 1928.													
Observations at 1h. G.M.T. 26 th														Observations at 7h. G.M.T. 26 th													
STATIONS	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. of.	Humidity. %	Visibility.	Cloud.			Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. of.	Humidity. %	Visibility.	Cloud.			Sea.			
				Direc.	Force.					Low.	Upper.	Total.			Direc.	Force.					Low.	Upper.	Total.				
																									Height.	Form.	Amount.
		mb.		0-12				%	0-3	Feet		0-10		0-10	mb.		0-12			%	0-3	Feet		0-10		0-10	
Lerwick	54												987.8	+3	WN	3	cy	39	75	8	1500	Nb	5	AST	9	2	
Stornoway	30												997.1	+4	W	3	clph	38	92	7	4000	CuNb	8	-	8	2	
Wick	81	988.7	-5	WSW	2	cl	60	39	97	8	1500	St	6	AST	10						1500	CuNb	4	AST	6	2	
Tiree	22												994.2	+7	WNW	2	bc	36	92	8	2500	Cu	5	-	5	2	
Nairn	80												1002.5	+3	NW	6	bc	42	85	8	2500	Cu	2	AST	4	2	
Aberdeen	37												997.9	0	W	2	bc	36	85	8	2500	Cu	2	AST	4	2	
													997.8	+1	WSW	3	b	38	75	8	4000	StCu	1	-	1	2	
Malin Head	51	992.0			6	cd	45	97	6	4000	Nb	3	AST	8							4000	CuNb	3	AST	4	2	
Kenfrew	38												1002.2	+5	WNW	4	b	40	75	8	4000	Cu	1	-	1	2	
Edinburgh (Inchkeith)	100	983.6	-12	SW	6	cl	51	99	8	1500	Nb	10	-	10							-	0	AST	1	1	3	
Leuchars	30												999.2	+13	W	5	b	40	75	8	2500	StCu	1	-	1	3	
Eskdalemuir	794												1002.2	+8	W	5	bc	39	75	7	2500	StCu	4	-	4	3	
Tynemouth	87												1001.3	+6	W	2	bc	43	85	7	1500	Cu	3	-	3	3	
Blackod Point	18	1005.0	+3	SW	4	bc/r	44	85	8		CuNb	6	-	6								CuNb	6	-	6	5	
Donaghadee	40												1006.6	+6	W	3	bc	41	85	8	4000	StCu	2	AST	4	3	
Birr Castle	173												1008.9		WSW	1	c	43	92	7	2500	StCu	3	-	3	2	
Holyhead	28												1009.9	+3	WN	4	cy	47	85	8	2500	Cu	8	AST	9	2	
Liverpool (Bidston)	183												1007.0	+6	WNW	5	c	45	83	8	1500	Nb	9	-	9	2	
Chester (Sealand)	16												1007.1	+5	WNW	3	bc	47	85	7	4000	StCu	6	-	6	2	
Harrogate	478												1005.2	+9	W	5	c	43	75	9	2500	Nb	6	AST	9	2	
Spurn Head	29	998.3	-8	SSW	6	cl	47	92	7	4000	CuNb	9	-	9								4000	CuNb	5	AST	10	2
Birmingham (Edgbaston)	536												1008.2	+2	WSW	3	c	48	75	8	2500	StCu	2	AST	9	2	
Cranwell	236												1006.6	+8	W	4	c	48	85	8	2500	StCu	8	-	8	2	
Gorleston	14	1007.6	-11	SW	7	cl	44	97	6	2500	Nb	10	-	10								2500	StCu	9	-	9	2
													1006.1	+4	W'S	4	c	55	85	7	2500	StCu	9	-	9	2	
Valentia (Cahirciveen)	30												1011.2	+3	NW	2	c	46	92	8	800	Cu	8	-	8	1	
Roches Point	22												1011.0	+3	NW	3	c	48	97	8	1500	CuNb	8	-	8	1	
Pembroke (St. Ann's H.)	100	1005.5	0	SW	8	err	54	92	5	800	StCu	10	-	10								800	StCu	10	-	10	1
Ross-on-Wye	223												1009.0	+2	SW	3	cl	49	85	8	2500	Nb	10	-	10	1	
Leafield	612												1009.5	+2	WSW	3	cl	49	97	7	1500	Nb	10	-	10	1	
Winchester (Worthy Dn.)	272												1011.2	0	SSW	4	cl	52	97	8	800	Nb	10	-	10	1	
St. Farnborough	237												1010.9	0	SW	5	cl	53	85	7	800	Nb	10	-	10	1	
London (Kew Obs.)	18												1009.7	+1	SW	4	cl	53	92	7	1500	Nb	8	AST	10	1	
Croydon	244	1011.3	-8	SWW	6	rr	51	97					1010.3	0	WSW	6	cl	54	92	6	450	Nb	8	AST	10	1	
Shoeburyness	11												1004.4	-1	SW	3	cl	53	97	6	4000	StCu	10	-	10	1	
Olacton-on-Sea	54												1008.8	+1	SW	4	c	51	85	7	5700	StCu	8	-	8	3	
Felixstowe	15												1008.6	+1	SWW	5	cl	52	92	6	1500	Nb	10	-	10	1	
Lympe	380												1011.7	-1	SW	7	cl	51	97	5	450	St	10	-	10	1	
Scilly (St. Mary's)	103	1014.1	-1	SW	8	0	53	92	6	9500	St	10	-	10								1500	Nb	10	-	10	1
Falmouth (Pendennis)	500	1014.7	-1	SW	7	c	54	92	6	1500	Nb	7	AST	10								1500	Nb	10	-	10	1
Plymouth (Cattewater)	32												1013.2	-1	WSW	7	cl	52	97	5	250	Nb	10	-	10	1	
Portland Bill	32	1012.1	-5	SW	8	c	53	85	6	1500	St	8	AST	10								1500	St	10	-	10	1
Southampton (Calshot)	10												1012.0	0	SW	7	cl	53	92	6	800	Nb	10	-	10	1	
Dungeness	20												1013.4	-1	SW	6	cl	51	97	5	800	St	10	-	10	1	
Guernsey (Fort George)	295												1017.8	-1	WSW	7	c	53	85	7	2500	StCu	10	-	10	1	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25th DECEMBER

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUNSHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Forenoon.	Afternoon.	Min. 9h. to 25 th 9h.	Max. 9h. -17h. 25 th 9h.	Night 17h. 9h.	Day 9h.-17h. 25 th 9h.	Sunrise to Sunset 25 th 9h.								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)								
Barwick-on-Tweed	C	C	34	44	-	-	2.3	Bude	occ	C	46	51	3	tr	0.0
Douglas (I.o. M.) ...	cc	ccc	41	48	1	1	0.3	Penzance	C	C	40	53	4	-	0.0
Llandudno	C	bcc	41	48	2	-	0.3	Paignton	ccwcc	cc	36	51	3	tr	0.5
Colwyn Bay	ccbbe	ccpcc	35	43	3	0.3	0.5	Torquay	pbccw	bccpcc	35	51	1	tr	0.6
Rhyl	ccc	bcc	37	45	3	-	0.0	Jersey	bc	bc	43	51	3	-	2.4
Wallasey	bcc	C	37	45	3	-	0.0	Weymouth	mhc	C	37	50	3	-	0.4
Southport	bcc	cc	*42	44	0.2	-	0.0	Bournemouth ...	bcc	ccc	37	48	7	-	1.5
Blackpool	C	cc	41	43	-	-	0.0	Ventnor	ccwcc	bcc	39	50	4	tr	2.2
Ilkley	C	C	34	42	3	-	0.0	Pertmouth (S'thsea)	bc	cc	38	47	5	-	1.8
Cleethorpes	bcc	C	34	46	2	-	0.6	Bognor	obcc	bcc	38	47	6	-	2.5
Skagness	cc	bcc	39	41	2	-	1.2	Littlehampton ...	bc	bc	36	46	4	-	2.7
Aberystwyth	bcc	cc	43	45	4	0.3	0.4	Worthing	bc	bcc	37	45	5	-	2.5
Bath	bcc	ccc	32	47	3	0.5	0.5	Brighton	bcc	ccc	40	47	4	-	3.6
Cheltenham	bcc	cc	34	43	5	-	0.5	Eastbourne	bc	bcc	40	51	5	-	3.2
Leamington Spa ...	0	0	32	42	3	-	0.0	Hastings	mhc	bcc	39	49	4	-	3.2
Lowestoft	bcc	ccc	37	42	4	-	2.3	Folkestone	ccwcc	bcc	39	45	4	-	3.5
Harwich & Dovercourt	rbccm	bccm	38	43	7	-	2.8	Dover	bc	C	41	47	5	-	4.4
Malden	bcc	C	37	43	5	-	1.4	Tunbridge Wells ...	b	bcc	37	47	6	-	3.8
Southend	b	bcc	39	45	5	-	1.5	Ramsgate	bc	bcc	40	49	2	-	4.4
								Margate	bc	bcc	41	46	2	-	4.7
								Deal	bc	bc	39	44	4	-	4.5

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received.

† The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. § See footnotes page 1.

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-9h.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B.24507

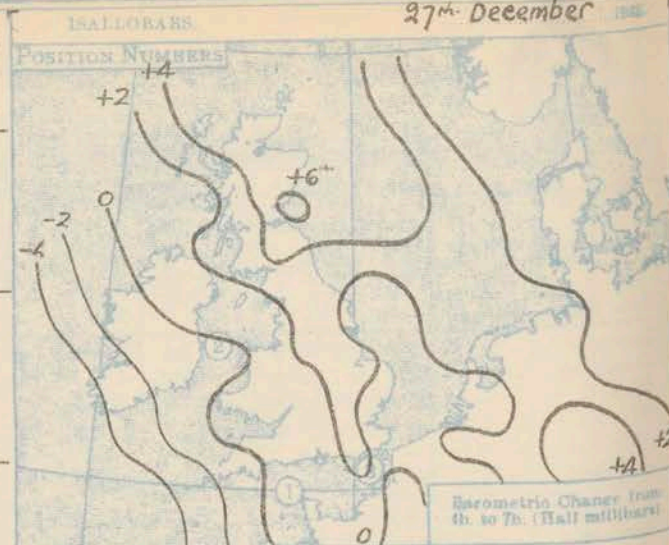
Thursday, 27 December 1928.

Page 1.

Observations at 13h. G.M.T. 26															Observations at 13h. G.M.T. 26																								
STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. mi.	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. mi.	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. mi.									
			Direc.	Force					Height	Form	Amt.			Direc.	Force					Height	Form	Amt.																	
																									0-12	0-10					0-10								
Lerwick	990.7	+1	WN	3	bc	41	65	8	1500	StCu	4	-	4	993.1	+2	W	3	bc/p	35	92	8	1500	StCu	4	-	4	993.1	+2	W	3	bc/p	35	92	8	1500	StCu	4	-	4
Stornoway	998.7	+1	WNW	4	c/p	40	85	8	4000	CuNb	9	-	9	1008.0	+3	WNW	5	bc/p	40	75	8	4000	CuNb	6	-	6	1008.0	+3	WNW	5	bc/p	40	75	8	4000	CuNb	6	-	6
Wick	997.5	+3	WSW	3	c	36	97	8	1500	CuNb	6	Est	8	1000.4	+3	WSW	3	bc	35	97	8	1500	CuNb	5	-	5	1000.4	+3	WSW	3	bc	35	97	8	1500	CuNb	5	-	5
Tiree	1004.7	+1	WNW	6	c/p	40	97	8	1500	CuNb	8	-	8	1008.2	+5	WNW	6	bc	42	85	8	2500	Cu	3	-	3	1008.2	+5	WNW	6	bc	42	85	8	2500	Cu	3	-	3
Nairn	1000.6	0	WSW	3	c	40	65	8	2500	Cu	1	alc	8	1004.0	-	W	1	bc/r	36	85	8	2500	Cu	2	alc	5	1004.0	-	W	1	bc/r	36	85	8	2500	Cu	2	alc	5
Aberdeen	1000.6	0	WSW	3	c	40	65	8	2500	Cu	1	alc	8	1003.3	+4	WSW	3	b-	38	75	8	-	-	0	alc	2	1003.3	+4	WSW	3	b-	38	75	8	-	-	0		
Malin Head	1007.7	+2	W	6	bc/p	42	92	8	4000	CuNb	7	-	7	1012.6	+7	WNW	5	bc/p	41	92	8	4000	CuNb	6	-	6	1012.6	+7	WNW	5	bc/p	41	92	8	4000	CuNb	6	-	6
Benfrew	1005.7	+3	WSW	4	c/p	40	85	7	1500	Nb	9	-	9	1009.6	+6	W/S	3	c/p	39	92	7	1500	CuNb	8	ci	9	1009.6	+6	W/S	3	c/p	39	92	7	1500	CuNb	8	ci	9
Edinburgh (Inchkeith)	1003.2	+2	WSW	5	c	42	75	6	4000	Cu	4	ci	8	1005.7	+4	WSW	5	bc	40	85	8	1500	St	1	alc	3	1005.7	+4	WSW	5	bc	40	85	8	1500	St	1	alc	3
Leuchars	1003.0	+2	WSW	3	c+	40	75	8	7200	StCu	3	ci	8	1005.2	+3	W	5	b	38	75	8	5700	StCu	1	-	1	1005.2	+3	W	5	b	38	75	8	5700	StCu	1	-	1
Eskdalemuir	1006.1	+2	WSW	5	c/p	36	85	8	1500	Nb	7	ci	8	1009.6	+4	W/S	5	bc	36	85	8	1500	Cu	7	-	7	1009.6	+4	W/S	5	bc	36	85	8	1500	Cu	7	-	7
Tynemouth	1006.1	+2	W	2	bc+	42	75	7	1500	CuNb	6	-	6	1008.4	+3	W	3	bc-	39	75	7	1500	Cu	4	-	4	1008.4	+3	W	3	bc-	39	75	7	1500	Cu	4	-	4
Blackhead Point	1012.6	+4	W	4	bc	45	65	8	-	CuNb	5	-	5	1017.2	+4	W	4	bc	44	65	8	-	-	0	alc	4	1017.2	+4	W	4	bc	44	65	8	-	-	0		
Donaghadee	1003.4	+1	W	4	bc-	43	75	8	5700	StCu	4	-	4	1013.5	+4	W	3	b	39	85	8	5700	StCu	2	-	2	1013.5	+4	W	3	b	39	85	8	5700	StCu	2	-	2
Birr Castle	1012.2	-	W	3	bc-	44	85	7	1500	Cu	2	FlCu	8	1017.2	-	W	2	bc	41	92	7	1500	Cu	1	FlCu	5	1017.2	-	W	2	bc	41	92	7	1500	Cu	1	FlCu	5
Holyhead	1010.3	+2	WNW	6	bc-	47	75	8	2500	Cu	4	Est	4	1015.4	+6	WNW	6	bc+	45	85	8	2500	StCu	7	-	7	1015.4	+6	WNW	6	bc+	45	85	8	2500	StCu	7	-	7
Liverpool (Bidston)	1009.5	+1	WNW	5	c/p	46	85	8	1500	CuNb	9	-	9	1013.7	+6	WNW	6	b-	42	75	8	2500	Nb	2	-	2	1013.7	+6	WNW	6	b-	42	75	8	2500	Nb	2	-	2
Chester (Sealand)	1009.7	+1	NW	4	bc	48	60	7	1500	St	6	-	6	1014.1	+5	WNW	4	bc-	42	75	7	2500	Cu	2	Est	3	1014.1	+5	WNW	4	bc-	42	75	7	2500	Cu	2	Est	3
Harrogate	1007.4	+1	WSW	5	bc	45	75	8	4000	Cu	3	-	3	1010.2	+2	WSW	6	b	39	85	8	-	-	0	alc	1	1010.2	+2	WSW	6	b	39	85	8	-	-	0		
Spurn Head	1006.7	+1	WNW	3	c	45	75	7	2500	CuNb	9	-	9	1010.5	+3	WNW	5	b-	42	85	7	-	-	0	Est	2	1010.5	+3	WNW	5	b-	42	85	7	-	-	0		
Birmingham (Edgbaston)	1010.3	+1	W	3	c-	47	83	7	1500	Nb	4	Est	9	1015.6	+5	WSW	3	b	41	65	6	-	-	0	Est	2	1015.6	+5	WSW	3	b	41	65	6	-	-	0		
Tranwall	1009.5	+1	W	4	c	45	85	7	2500	StCu	4	alc	9	1013.3	+7	WNW	3	b-	39	92	7	2500	Cu	2	-	2	1013.3	+7	WNW	3	b-	39	92	7	2500	Cu	2	-	2
Gorleston	1008.3	-2	WNW	3	oro	50	92	6	800	Nb	10	-	10	1011.2	+3	W/N	4	c	44	85	6	2500	Cu	9	-	9	1011.2	+3	W/N	4	c	44	85	6	2500	Cu	9	-	9
Valentia (Cahiroreen)	1016.9	+3	WNW	4	c+	47	65	8	2500	Cu	3	Est	9	1021.3	+5	NW	3	bc	46	75	8	2500	StCu	4	-	4	1021.3	+5	NW	3	bc	46	75	8	2500	StCu	4	-	4
Roche Point	1016.0	+5	NW	3	bc	47	85	8	2500	Cu	1	ci	6	1020.2	+5	WNW	3	bc	47	85	8	2500	StCu	7	-	7	1020.2	+5	WNW	3	bc	47	85	8	2500	StCu	7	-	7
Parabrook (St. Ann's H.)	1012.8	+4	WNW	4	cd	48	75	6	1500	StCu	10	-	10	1017.5	+5	WNW	3	bc-	46	65	8	1500	St	3	Est	7	1017.5	+5	WNW	3	bc-	46	65	8	1500	St	3	Est	7
Ross-on-Wye	1011.3	+1	W	3	c-	48	85	8	4000	Cu	7	ci	8	1016.9	+5	W	2	bc	42	75	8	4000	Cu	1	ci	3	1016.9	+5	W	2	bc	42	75	8	4000	Cu	1	ci	3
Leafield	1010.5	+1	W/N	4	c/r	46	92	8	2500	StCu	6	Est	9	1016.1	+5	NW	3	bc	40	85	8	-	-	0	Est	5	1016.1	+5	NW	3	bc	40	85	8	-	-	0		
Winchester (Worthy Dn)	1011.7	0	W/N	4	oro	49	92	6	220	Nb	10	-	10	1016.5	+4	W/N	3	c	44	92	8	-	-	0	alc	8	1016.5	+4	W/N	3	c	44	92	8	-	-	0		
S. Eynborough	1010.9	0	WNW	4	cd	50	97	6	800	Nb	10	-	10	1015.8	+5	WNW	3	bc	45	85	8	-	-	0	alc	7	1015.8	+5	WNW	3	bc	45	85	8	-	-	0		
London (Kew Obs.)	1010.5	+1	W/S	3	oro	50	97	5	800	Nb	10	-	10	1015.9	+6	W	3	b	46	85	6	-	-	0	ci	2	1015.9	+6	W	3	b	46	85	6	-	-	0		
Croydon	1010.6	-1	NW	3	orr	51	97	4	450	Nb	10	-	10	1015.7	+6	NW	3	bc-	46	92	5	2500	Cu	1	alc	6	1015.7	+6	NW	3	bc-	46	92	5	2500	Cu	1	alc	6
Shoeburyness	1009.5	0	W	2	odo	51	97	4	1500	Nb	10	-	10	1014.5	+6	WNW	2	bc/p	45	97	7	7200	Cu	2	Est	4	1014.5	+6	WNW	2	bc/p	45	97	7	7200	Cu	2	Est	4
Clacton-on-Sea	-	-	-	-	-	-	-	-	-	-	-	-	-	1013.6	+6	NW	3	bc	45	92	7	4000	Cu	3	alc	5	1013.6	+6	NW	3	bc	45	92	7	4000	Cu	3	alc	5
Fairlie Town	1009.3	-1	W	3	odo	49	97	5	800	Nb	10	-	10	1013.4	+5	W	4	c	45	85	7	-	-	0	Est	8	1013.4	+5	W	4	c	45	85	7	-	-	0		
Lymington	1010.8	-2	SW	6	oro	51	97	6	220	St	10	-	10	1015.1	+5	W	3	bc-	45	92	6	-	-	0	alc	7	1015.1	+5	W	3	bc-	45	92	6	-	-	0		
Billy (St. Mary's)	1016.5	+2	WNW	4	cd	50	97	6	1500	St	9	alc	10	1020.5	+4	NW	2	bc	48	92	8	4000	StCu	5	-	5	1020.5	+4	NW	2	bc	48	92	8	4000	StCu	5	-	5
Falmouth (Pendennis)	1015.4	+1	NW	3	cd	51	97	7	1500	StCu	4	Est	10	1020.4	+3	WNW	2	bc	48	85	8	7000	Cu	4	Est	7	1020.4	+3	WNW	2	bc	48	85	8	7000	Cu	4	Est	7
Plymouth (Cattewater)	1013.7	+1	W	4	c	52	97	7	800	Nb	9	Est	10	1019.5	+7	WNW	4	c	48	85	6	5700	StCu	3	alc	9	1019.5	+7	WNW	4	c	48	85	6	5700	StCu	3	alc	9
Portland Bill	1011.6	0	SW	7	oro	53	92	6	1500	St	10	-	10	1017.2	+6	NW	3	c	48	85	8	2500	StCu	8	alc	9	1017.2	+6	NW	3	c	48	85	8	2500	StCu	8	alc	9
Southampton (Calshot)	1011.4	-3	W	5	oro	52	97	6	800	Nb	10	-	10	1017.0	+6	WNW	4	bc-	46	85	7	-	-	0	alc	6	1017.0	+6	WNW	4	bc-	46	85	7	-	-	0		
Dungeness	1010.4	-3	WSW	6	orr	51	97	6																															

SUMMARIES FOR THE PAST 24 HOURS.

SUMMARIES FOR THE PAST 24 HOURS.												SUN. TH.
STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL†			Hours.	
	7h-12h	12h-18h	18h-24h	1h-7h	Max. Day	Min. Night	Min. on Grass	Day 7h-12h	Night 12h-18h			
	26	26	to 21	27	7h-12h	12h-18h	18h-24h	mm.	mm.			
Lerwick ...	ciprob	bcirso	bciphsq	bcipsg	42	35	.	Tr.	48'00	3	21'00	0.2
Stornoway ...	cprc	bcprgbc	bcprgbc	bcprgbc	41	35	.	1	48'00	2	21'00	0.2
Wick ...	cprc	prsb	bcprgbc	bcprgbc	37	33	.	2	48'00	5	21'00	.
Tiree ...	bhepr	prsb	bcprgbc	bcprgbc	44	39	36	1	48'00	0.6	21'00	0.1
Nairn ...	bep	bcprgbc	bcprgbc	bcprgbc	38	34	.	1	12'30	1	21'00	2.5
Aberdeen ...	b-c	bc	bcprgbc	bcprgbc	40	35	31	.	.	0.2	24'00	1.2
Malin Head ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	44	40	.	2	48'00	2	21'00	2.0
Benfrew ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	41	34	29	3	9'00	2	21'00	1.6
Edinburgh (Inchkeith) ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	42	38	34	.	.	.	.	2.6
Leuchars ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	42	34	29	.	.	.	.	4.5
Baskdalemuir ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	39	32	28	1	12'30	0.4	21'00	0.8
Tynemouth ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	45	36	32	.	.	.	.	.
Blackod Point ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	43	40	.	0.6	.	1	.	.
Donaghadee ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	43	35	.	.	9'00	.	.	3.5
Birr Castle ...	cprc	bc	bcprgbc	bcprgbc	44	32	23	Tr.	.	.	.	2.5
Holyhead ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	47	43	41	0.1	48'00	.	.	2.1
Liverpool (Bidston) ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	46	40	36	1	11'00	0.1	21'00	1.9
Chester (Sealand) ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	49	40	34	.	.	.	.	.
Harrogate ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	45	37	30	0.4	14'30	.	.	2.2
Spurn Head ...	c	bcprgbc	bcprgbc	bcprgbc	48	39	.	.	.	.	.	0.2
Birmingham (Edgbaston) ...	c	bcprgbc	bcprgbc	bcprgbc	48	35	32	.	.	.	.	1.0
Cranwell ...	c	bcprgbc	bcprgbc	bcprgbc	48	35	31	0.1	14'30	.	.	0.8
Gorleston ...	cgo	bcprgbc	bcprgbc	bcprgbc	55	36	34	0.2	12'30	.	.	0.0
Valentia (Cahiriveen) ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	48	38	35	1	9'00	Tr.	.	0.3
Roche's Point ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	48	35	.	Tr.	13'30	.	.	.
Pembroke (St. Ann's H.) ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	50	43	.	0.5	48'00	.	.	0.8
Ross-on-Wye ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	49	37	31	0.5	48'00	.	.	0.4
Leafeld ...	cira	bcprgbc	bcprgbc	bcprgbc	49	34	30	0.4	48'00	Tr.	.	0.6
Winchester (Worthy Dn) ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	53	32	26	0.5	48'00	.	.	0.0
S. Farnborough ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	54	35	28	0.6	48'00	.	.	0.0
London (Kew Obey) ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	55	36	27	5	48'00	Tr.	.	0.0
Croydon ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	55	37	32	3	48'00	.	.	0.0
Shoeburyness ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	54	35	33	5	48'00	.	.	0.0
Clacton-on-Sea ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	51	35	32	6	9'00	0.1	21'00	0.0
Felixstowe ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	52	37	34	3	48'00	.	.	0.0
Lympas ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	51	32	29	2	48'00	.	.	0.0
Scilly (St. Mary's) ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	53	45	.	4	48'00	2	23'00	0.0
Falmouth (Pendennis) ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	54	43	.	4	48'00	3	53'00	0.1
Plymouth (Cattewater) ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	53	38	35	2	48'00	Tr.	.	0.1
Portland Bill ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	54	44	.	1	48'00	.	.	.
Southampton (Calshot) ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	53	36	30	1	48'00	.	.	0.0
Dungeness ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	51	.	.	3	48'00	.	.	.
Stretney ...	bcprgbc	bcprgbc	bcprgbc	bcprgbc	53	45	.	5	12'00	Tr.	63'00	0.0



Observations from Cross Channel Steamers.

Position	Date and Time	Steamship	Wind	Weather	Temp.	Bar.	Wind	Temp.
			Dir.	Force	Dir.	Force	Dir.	Force
2	26th 10h	Cambria	WN	4	C+	47	49	8
3	27th 2h	Brighton	NW	3	C	46	50	8

GENERAL INFERENCE.

A depression off Southwest Ireland will move eastwards across the southern half of the Kingdom and pressure become for a time high both to the North and the South of the British Isles. Weather will, apart from local wintry showers, continue mainly bright in the North but will become cloudy with rain later in the South.

Districts. Forecasts for the 24 hours commencing 12 Noon G.M.T. Thursday, 27th December, 1928.

Further Outlook.

1. S.E. England	Westerly winds, probably backing temporarily towards southeast, light to fresh; bright periods at first, cloudy with rain later; local mist; temperature rising.	None issued.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Southeasterly to southerly winds, moderate to fresh or strong at times; cloudy with rain at first, brighter periods later; local mist; rather mild.	
6. South Wales		
7. North Wales	Northwest to west winds, becoming variable or easterly, mainly moderate; bright periods but local showers at first, less settled later; rather cold with local ground frost and fog at night.	
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. S.E. Scotland	Northwest to west winds, fresh locally at first, becoming light and variable for a time; bright periods but local wintry showers today, probably less settled tomorrow; rather cold with local frost and fog at night.	
12. S.W. Scotland & Isle of Man		
13. A.W. Scotland		
14. Mid-Scotland		
15. N.E. Scotland		
16. Orkneys and Shetlands		
17. N.W. Ireland	As 7 - 10.	
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland	As 5 - 6.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2.

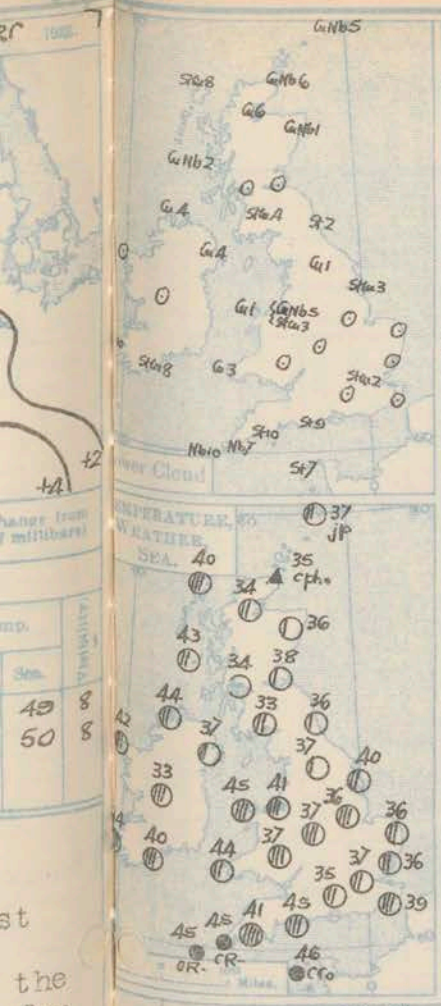
Forecasts issued at 1000 G.M.T.

G. C. SIMPSON, F.R.S., Director.

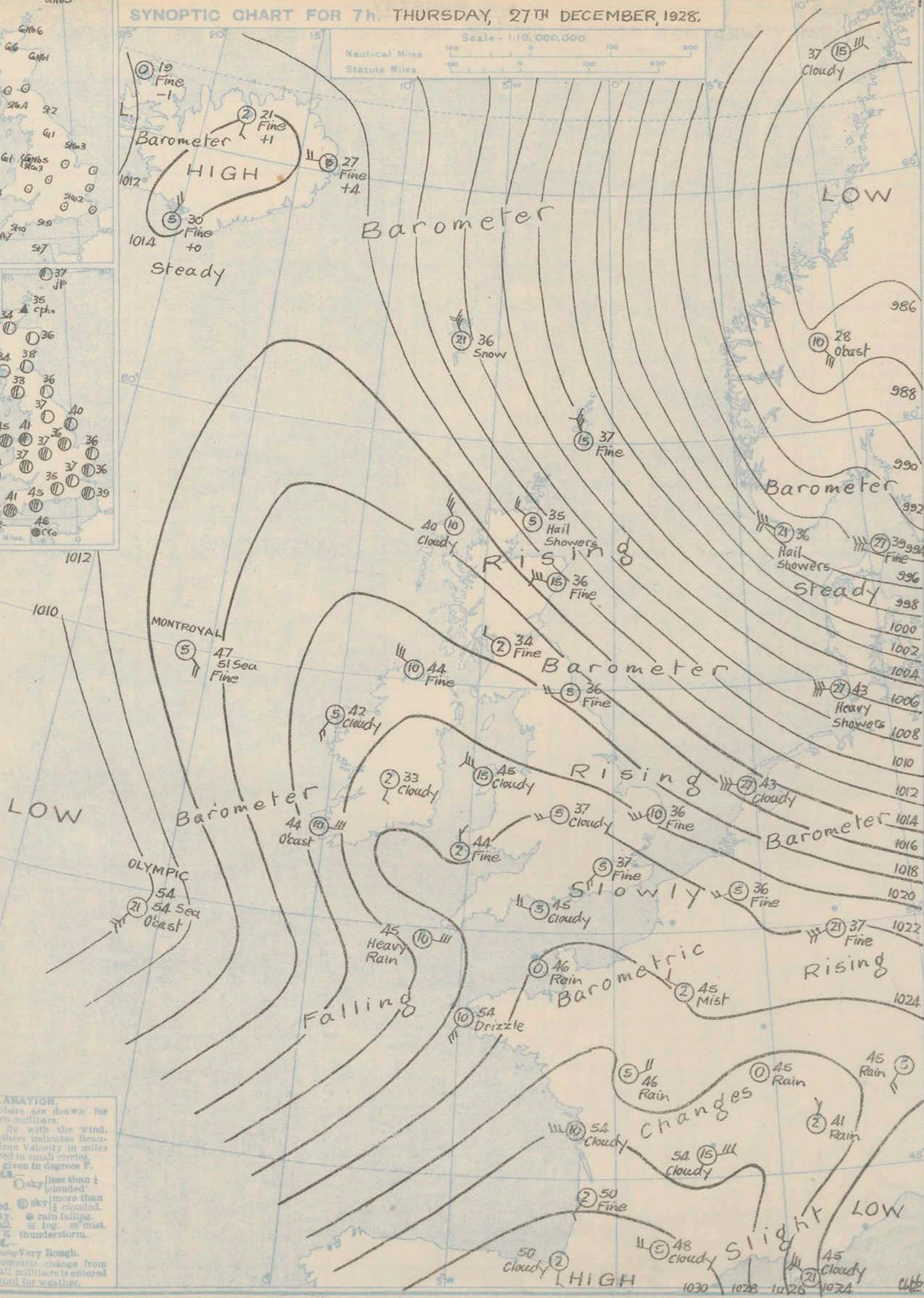
† Trace = rain has fallen, but amount less than 0.1 mm.

SYNOPTIC CHART FOR 7h. THURSDAY, 27TH DECEMBER, 1928.

Scale - 1:10,000,000
Nautical Miles
Statute Miles



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EXPLANATION.
Isobars are drawn for intervals of two millibars.
Arrows show the wind direction.
Number in circles indicates Barometer Force. Mean Velocity in miles per hour entered in small circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.
Clear sky. less than 1/4 clouded.
Partly cloudy. more than 1/4 clouded.
Overcast sky. more than 3/4 clouded.
Rain. rain falling.
Thunder. thunder.
Thunderstorm. thunderstorm.
Heavy Rain. Heavy Rain.
Drizzle. Drizzle.
Mist. Mist.
Obcast. Obcast.
Rain. Rain.
Snow. Snow.
Hail. Hail.
Hail Showers. Hail Showers.
Cloudy. Cloudy.
Fine. Fine.
Steady. Steady.
Rising. Rising.
Falling. Falling.
Slowly. Slowly.
Changes. Changes.
Slight. Slight.
Very Rough. Very Rough.
Very Heavy Rain. Very Heavy Rain.
Very Heavy Snow. Very Heavy Snow.
Very Heavy Hail. Very Heavy Hail.
Very Heavy Thunderstorm. Very Heavy Thunderstorm.
Very Heavy Obcast. Very Heavy Obcast.
Very Heavy Rain. Very Heavy Rain.
Very Heavy Snow. Very Heavy Snow.
Very Heavy Hail. Very Heavy Hail.
Very Heavy Thunderstorm. Very Heavy Thunderstorm.
Very Heavy Obcast. Very Heavy Obcast.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... Thursday, 27th December... 1928.

No. 362

Page 4.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH REPORTS FOR 26 December

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL†		SUN-SHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Fore-noon.	After-noon.	Min. 2 1/2 to 2 1/2	Max. 9h. - 17h. 2 1/2	Night 17h. - 9h. 2 1/2	Day 9h. - 17h. 2 1/2	Sunrise to Sunset 2 1/2								
Bude	bc	bc	39	42	2	-	3.4	Bude	doc	c	50	52	10	1	0.0
Penzance	ord	pcir	49	55	4	1	0.2	Penzance	ord	pcir	49	55	4	1	0.2
Paignton	orgm	orpdq	51	54	5	2	0.4	Paignton	orgm	orpdq	51	54	5	2	0.4
Torquay	orpdq	oc	51	55	5	1	0.4	Torquay	orpdq	oc	51	55	5	1	0.4
Jersey	oc	r	43	54	-	4	0.0	Jersey	oc	r	43	54	-	4	0.0
Weymouth	rgo	oc	39	53	2	1	0.0	Weymouth	rgo	oc	39	53	2	1	0.0
Bournemouth	od	od	42	53	2	2	0.0	Bournemouth	od	od	42	53	2	2	0.0
Vaninor	sdmr	ou	45	52	1	3	0.0	Vaninor	sdmr	ou	45	52	1	3	0.0
Portsmouth (S' theca)	odr	oc	38	53	3	1	0.0	Portsmouth (S' theca)	odr	oc	38	53	3	1	0.0
Bognor	errr	rr	39	52	2	2	0.0	Bognor	errr	rr	39	52	2	2	0.0
Littlehampton	er	cpr	37	52	2	2	0.0	Littlehampton	er	cpr	37	52	2	2	0.0
Worthing	odro	oide	37	52	2	2	0.0	Worthing	odro	oide	37	52	2	2	0.0
Brighton	do	cbe	41	51	4	3	0.0	Brighton	do	cbe	41	51	4	3	0.0
Eastbourne	dofo	rofo	49	53	3	4	0.0	Eastbourne	dofo	rofo	49	53	3	4	0.0
Aberystwyth	rrc	c	45	47	1	-	0.0	Hastings	oror	ordoc	47	53	2	4	0.0
Bath	elfo	rocb	49	49	22	1	0.0	Folkestone	orgm	omc	51	53	2	3	0.0
Cheltenham	od	ode	48	52	4	0.3	0.2	Dover	oir	roc	43	53	3	6	0.0
Leamington Spa	c	c	37	50	2	-	0.0	Tunbridge Wells	od	oro	37	52	4	4	0.0
Lowestoft	ccd	cdc	37	52	2	0.4	0.0	Ramsgate	orr	bc	42	54	-	4	0.0
Harwich & Dovercourt	roc	rbc	39	52	1	3	0.0	Margate	r	pr	41	54	Trace	5	0.0
Maldon	o	roc	35	55	0.3	4	0.0	Deal	oro	ro	40	54	1	4	0.0
Southendu	or	orob	39	51	-	5	0.0								

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received

‡ The observations at 1 h GMT and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1.

71 See footnote page 1.

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h. 30. - 12h. 30.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B-24508

Friday 28th December 1928.

Page 1.

Observations at 1st G.M.T. 21 st															Observations at 1st G.M.T. 21 st																		
STATIONS															STATIONS																		
(For heights see p. 4.)															(For heights see p. 4.)																		
Barom. at M.S.L.	Change in 3 Hours	Wind, Dir. Force	Weather	Temp. °F.	Humidity %	Visibility m.	Cloud, Low, Form Amt.	Cloud, Upper Form Amt.	Cloud, Total Form Amt.	State of ground.	Barom. at M.S.L.	Change in 3 Hours	Wind, Dir. Force	Weather	Temp. °F.	Humidity %	Visibility m.	Cloud, Low, Form Amt.	Cloud, Upper Form Amt.	Cloud, Total Form Amt.	State of ground.	Barom. at M.S.L.	Change in 3 Hours	Wind, Dir. Force	Weather	Temp. °F.	Humidity %	Visibility m.	Cloud, Low, Form Amt.	Cloud, Upper Form Amt.	Cloud, Total Form Amt.	State of ground.	
mb.		0-12				0-5	Feet 0-10	0-10	0-10		mb.		0-12				0-5	Feet 0-10	0-10	0-10		mb.		0-12					0-5	Feet 0-10	0-10	0-10	
Lerwick	016.6	+4	NW 4	39	85	8	1500 Cn 5	-	5		011.2	+3	NW 3	39	85	8	1500 Cn 5	-	5			016.6	+1	NW 2	39	85	8	1500 Cn 5	-	5		5	
Stornoway	016.4	0	NW 4	39	85	8	1500 Cn 5	-	5		016.6	0	NW 3	39	85	8	1500 Cn 5	-	5			016.6	0	NW 3	39	85	8	1500 Cn 5	-	5		5	
Wick	014.3	+3	NW 4	39	85	8	1500 Cn 5	-	5		015.2	+2	NW 3	39	85	8	1500 Cn 5	-	5			016.9	-1	SE 2	39	85	8	1500 Cn 5	-	5		5	
Tires	018.4	+2	NW 4	39	85	8	1500 Cn 5	-	5		016.9	-1	SE 2	39	85	8	1500 Cn 5	-	5			017.5	-1	SE 2	39	85	8	1500 Cn 5	-	5		5	
Nairn	016.0	+1	NW 3	39	85	8	1500 Cn 5	-	5		016.6	+1	NW 2	39	85	8	1500 Cn 5	-	5			016.6	+1	NW 2	39	85	8	1500 Cn 5	-	5		5	
Aberdeen	016.0	+1	NW 3	39	85	8	1500 Cn 5	-	5		016.6	+1	NW 2	39	85	8	1500 Cn 5	-	5			016.6	+1	NW 2	39	85	8	1500 Cn 5	-	5		5	
Malin Head	015.3	0	SW 2	40	85	8	1500 Cn 5	-	5		016.3	-1	E 2	40	85	8	1500 Cn 5	-	5			016.3	-1	E 2	40	85	8	1500 Cn 5	-	5		5	
Renfrew	015.1	+1	WSW 2	40	85	8	1500 Cn 5	-	5		016.9	-2	E 2	40	85	8	1500 Cn 5	-	5			016.9	-2	E 2	40	85	8	1500 Cn 5	-	5		5	
Edinburgh (Inchkeith)	017.3	+2	WSW 3	39	85	8	1500 Cn 5	-	5		017.1	-1	NW 2	39	85	8	1500 Cn 5	-	5			017.1	-1	NW 2	39	85	8	1500 Cn 5	-	5		5	
Leuchars	017.1	+1	W 3	40	85	8	1500 Cn 5	-	5		017.8	0	NW 3	40	85	8	1500 Cn 5	-	5			017.8	0	NW 3	40	85	8	1500 Cn 5	-	5		5	
Blackburn	018.9	-1	W 1	40	85	8	1500 Cn 5	-	5		018.7	-2	NW 2	40	85	8	1500 Cn 5	-	5			018.7	-2	NW 2	40	85	8	1500 Cn 5	-	5		5	
Tynemouth	018.5	+1	W 2	39																													

† Trace = rain has fallen, but amount less than 0.1 mm.

* Information for these columns not usually received.

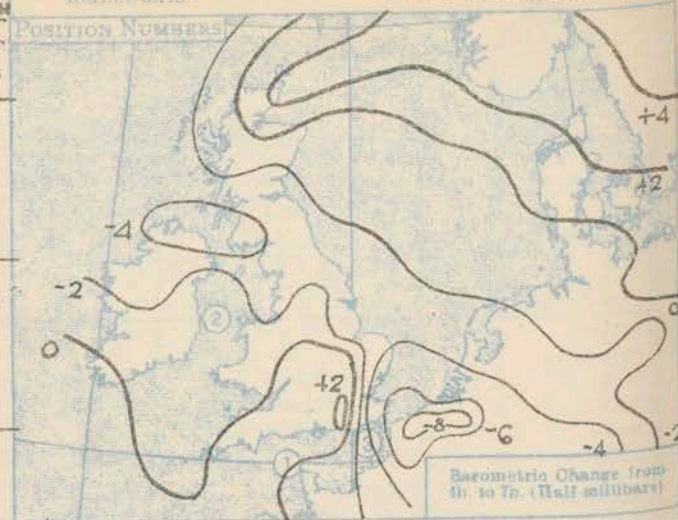
‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

ISALLOBARS

28th December 1928.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				HOURS.
	7h-12h 27 th	12h-18h 27 th	18h-21h 27 th	21h-7h 28 th	MAX. Day	MIN. Night	MIN. on Grass	Day 7h-18h	Night 18h-7h	mm.	began.	
Lerwick	bciprs	bciprs	bciprs	cbc	40	36	.	1	4.00	Tr.	21.00	1.5
Stornoway	cpwbc	c	bbc	bbc	41	28	.	0.2	-	-	-	1.5
Wick	cpwbc	bbc	prbc	bbc	40	32	.	2	4.00	0.1	21.00	.
Tirree	bc	bc	c	ca	44	35	30	-	-	-	-	0.0
Nairn	bcjp	bcc	cbcx	s.pc	38	27	.	-	0.1	4.30	1.1	5.0
Aberdeen	b	b	b bx	bccx	40	30	25	-	-	-	-	.
Malin Head	bcc	c	c	c	44	39	.	-	-	-	-	0.0
Renfrew	bxbcc	zbfxx	bffx	bffx	37	25	19	-	-	-	-	0.5
Edinburgh (Inchkeith)	bccm	bccm	bccm	bccm	40	34	25	-	Tr.	-	-	1.3
Leuchars	bxbcc	bcc	bcc	bcc	42	25	19	-	Tr.	-	-	5.0
Eskdalemuir	bxbcc	bcc	cbcx	bcc	36	23	21	-	-	-	-	1.4
Tynemouth	bcc	bcc	bcc	bcc	40	33	30	-	-	-	-	.
Blacksod Point	c	bc	bc	c	44	40	.	0.5	Tr.	-	-	.
Donaghadee	bccm	effec	c	c	43	41	.	-	-	-	-	.
Birr Castle	cug	grm	cgr	cm	42	38	36	1	15.30	1	21.00	0.0
Holyhead	cfer	rem	crr	c, r	45	40	39	2	11.00	0.2	5.30	0.0
Liverpool (Bidston)	c	cmm	omm	r, d	43	34	33	-	-	3	22.00	0.2
Chester (Sealand)	bcc	cmm	omm	omm	44	35	34	-	-	4	22.00	0.2
Harrogate	bcc	c	c	cx	39	31	29	-	-	-	-	0.0
Spurn Head	bcc	cmm	c	c	42	37	.	Tr.	15.30	-	-	0.3
Birmingham (Edgbaston)	c	c	corr	ors rs	41	32	32	-	-	7	21.00	0.2
Cranwell	bccm	cmm	cm	ofr	41	34	32	-	-	2	4.30	0.6
Gorleston	bc	bccm	cm	cm orr	44	37	35	-	-	4	4.30	3.2
Valentia (Cahirciveen)	ccrr	cv	od	cp	49	47	45	8	9.00	3	21.00	0.0
Rothes Point	corr	orr	cgr	bcc	46	43	.	11	9.00	-	-	.
Pembroke (St. Ann's H.)	cmm	cmm	crr	crr	45	39	.	12	11.00	12	21.00	0.0
Ross-on-Wye	cmm	cor	rrsr	rrdf	41	33	32	1	17.30	11	21.00	0.2
Leafield	bc	c	orsrs	orsrs	40	32	32	-	-	13	21.00	1.0
Winchester (Worthy Dn)	bcc	cm	orr	orr	40	37	35	3	15.30	22	21.00	0.7
S. Farnborough	bcc	cm	orr	orr	45	36	36	-	-	19	21.00	2.3
London (Kew Obs.)	bcc	cm	orr	orr	43	37	36	-	-	17	21.00	1.1
Croydon	bcc	cm	orr	orr	45	37	36	-	-	17	21.00	1.0
Shoeburyness	bcc	cm	orr	orr	45	38	36	-	-	19	21.00	3.7
Olacton-on-Sea	bcc	cm	orr	orr	44	37	36	-	-	15	1.30	4.0
Felixstowe	bcc	cm	orr	orr	45	37	35	-	-	11	22.00	4.9
Lympne	bcc	cm	orr	orr	44	37	35	-	-	9	21.00	3.6
Seilly (St. Mary's)	orddf	orrif	omrr	cbcp	52	47	.	5	4.00	5	21.00	0.0
Falmouth (Pendennis)	omrr	omrr	omrr	omrr	53	46	.	16	4.00	8	21.00	0.0
Plymouth (Cattewater)	omrr	omrr	omrr	omrr	45	45	42	13	9.00	15	21.00	0.0
Portland Bill	omrr	omrr	omrr	omrr	48	45	.	6	11.00	26	21.00	.
Southampton (Calshot)	omrr	omrr	omrr	omrr	45	39	39	3	14.30	22	21.00	0.9
Dungeness	c	c	c	c	47	.	.	-	-	22	21.00	.
Guernsey	omrr	omrr	omrr	omrr	52	50	.	12	4.00	9	21.00	0.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind.		Weather.	Temp.		Remarks.
			Dir.	Force.		Air.	Sea.	
2	27th 10h	Cambria	W	1	c	46	50	8
1	12h	St. Helier	SSE	4	d	49	52	6
3	28th 2h	Dieppe	WSW	5	rr	53	51	6

GENERAL INFERENCE.

An almost stationary trough of low pressure extending south-eastwards across Ireland to the Strait of Dover will maintain a rather cold and unsettled type of weather with rain or drizzle at times over most of England and Wales. Snow or sleet will occur on the high ground.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M. Friday, 28th December, 1928.	Farther Outlook.
1. S.E. England	Easterly to variable winds, strong at times locally; mainly cloudy to dull with some rain or drizzle; perhaps snow or sleet at times; local mist; rather cold, ground frost in places at night.	Cold and unsettled with perhaps sleet or snow at times in most districts.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Moderate to fresh westerly winds; occasional rain, some bright intervals; moderate temperature.	South Cone hoisted at 13h45m yesterday in districts 1, 2, 5, 6, 7, 8, 19 and 20.
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands	As 1 - 4.	
10. N.E. England	Winds mainly between east and south, moderate to strong at times; mainly cloudy, local wintry showers; cold, frost locally at night.	
11. S.E. Scotland		
12. S.W. Scotland & Isle of Man		
13. A.W. Scotland		
14. Mid-Scotland	Variable to westerly winds, fresh to strong at times locally; occasional rain but some bright intervals; moderate temperature.	
15. N.E. Scotland		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

Meteorological Office: Air Ministry, Kingsway, London, W.C.2.

Forecasts issued at

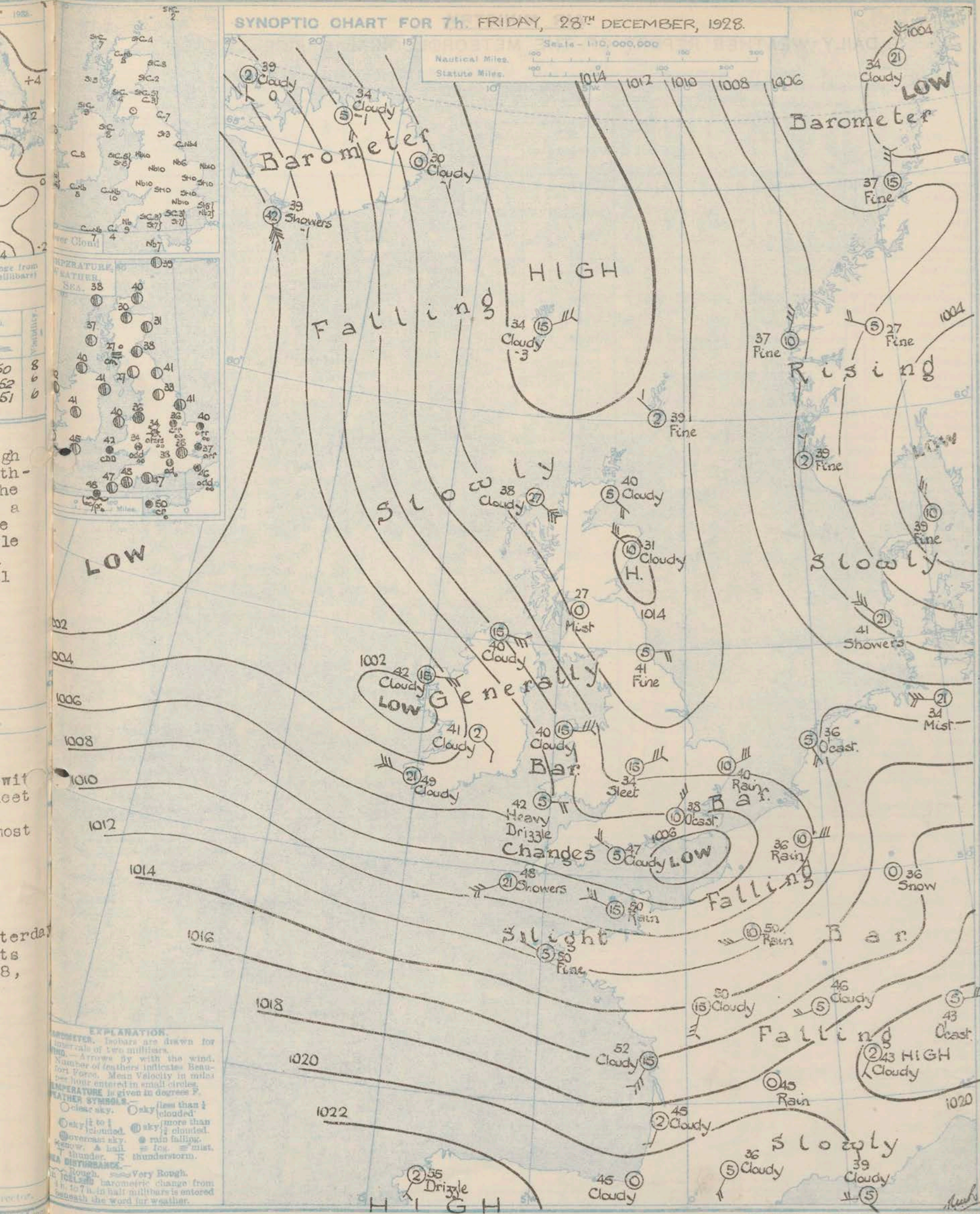
0945

G. C. SIMPSON, F.R.S., Director.

For code see page 1

† Trace = rain has fallen, but amount less than 0.1 mm.

Nautical Miles.
Statute Miles.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4.

BRITISH SECTION Friday, 28th December 1928.

No. 363

STATIONS	Height above M.S.L. in feet	Observations at 1h. G.M.T. 28 th											Observations at 7h. G.M.T. 28 th														
		Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp. °F.	Humidity %	Visibility 0-3	Cloud				Barom. at M.S.L.	Change in 3 hours	Wind		Weather	Temp. °F.	Humidity %	Visibility 0-3	Cloud					
				Direc.	Force					Height	Form	Amt.	Direc.			Force	Height					Form	Amt.				
																								0-12	0-10	0-10	0-10
Lerwick	84	10130	+1	NW	2	c/p	38	75	8	1500	cu	8	-	8	10128	0	NW	1	bc	39	75	8	1500	Stn	2	As	3
Stornoway	30	10158	-2	-	0	b	-	-	8	-	-	-	-	2	10122	-2	SE	6	c	38	75	7	4000	Stn	7	As	8
Wick	81	10152	0	NW	2	bc	33	75	8	1500	cu	3	As	5	10137	+2	SE	2	c	40	65	8	1500	Stn	4	As	8
Tiree	22	-	-	-	-	-	-	-	-	-	-	-	-	-	10102	-2	SE	5	c	37	75	9	2500	St	5	As	8
Nairn	82	-	-	-	-	-	-	-	-	-	-	-	-	-	10131	-	-	0	c	30	85	7	2500	cu	8	-	8
Aberdeen	37	-	-	-	-	-	-	-	-	-	-	-	-	-	10141	-1	NW	3	c+	31	85	7	4000	Stn	8	-	8
Malin Head	51	10125	-3	E	4	c	42	85	8	4000	cu	1	As	9	10090	-4	ESE	4	c	40	85	8	5700	Stn	9	-	9
Renfrew	36	-	-	-	-	-	-	-	-	-	-	-	-	-	10128	-2	-	0	mm	27	87	4	5700	Stn	4	As	8
Edinburgh (Inchkeith)	100	10152	-3	WNW	1	clm	35	85	7	1500	St	5	As	8	10126	-3	ENE	1	c	38	82	8	4000	Stn	8	-	8
Leuchars	30	-	-	-	-	-	-	-	-	-	-	-	-	-	10134	-3	-	0	bc	25	87	7	4000	Stn	2	c	7
Eskelemuir	794	-	-	-	-	-	-	-	-	-	-	-	-	-	10124	-4	NEN	2	bc	27	85	8	-	0	As	6	
Tynemouth	67	10153	-2	NNW	1	bc/m	34	85	6	800	St	4	As	7	10126	-2	E	2	bc	41	65	8	1500	cu	7	-	7
Blackad Point	13	10057	-2	E	4	c	42	85	7	-	cu	9	-	9	10032	-2	E	4	c	42	85	7	-	0	As	8	
Donaghadee	40	-	-	-	-	-	-	-	-	-	-	-	-	-	10110	-2	SE	6	c	41	65	7	4000	Stn	8	-	8
Birr Castle	173	-	-	-	-	-	-	-	-	-	-	-	-	-	10041	-	SE	1	c	41	87	6	1500	cu	8	-	8
Holyhead	26	10027	-5	E	4	c	42	85	8	2500	St	6	As	10	10074	-1	E	4	c/r	40	87	7	2500	St	10	-	10
Liverpool (Bidston)	180	-	-	-	-	-	-	-	-	-	-	-	-	-	10097	-2	ESE	3	0	36	82	5	2500	Nb	10	-	10
Chester (Sealand)	16	-	-	-	-	-	-	-	-	-	-	-	-	-	10100	-2	SES	3	0	35	87	4	800	St	10	-	10
Harrogate	478	-	-	-	-	-	-	-	-	-	-	-	-	-	10119	-2	S	1	c	33	85	5	2500	St	3	As	9
Spurn Head	39	10146	-1	E'S	2	c	40	82	6	2500	St	4	As	10	10100	-2	E	4	c	41	75	7	4000	cu	4	As	10
Birmingham (Edgbaston)	535	-	-	-	-	-	-	-	-	-	-	-	-	-	10104	0	ENE	4	0	34	82	3	1500	Nb	10	-	10
Crawwell	230	10150	-3	E	1	ss	35	87	3	1500	St	10	-	10	10123	-3	EN	2	c/r	36	82	6	1500	Nb	6	As	8
Gorleston	14	10150	-3	E'S	2	c	41	82	6	-	-	0	As	10	10110	-4	ENE	3	0	40	85	6	1500	Nb	10	-	10
Valentia (Cahirvee)	30	10074	-2	SW	2	0DD	46	87	4	-	St	10	-	10	10042	0	WNW	5	c	49	85	8	800	cu	10	-	10
Roches Point	22	-	-	-	-	-	-	-	-	-	-	-	-	-	10050	-1	SE	3	c	45	87	8	1500	cu	8	-	8
Pembroke (St. Ann's H.)	150	10062	-2	SE	4	c/r	42	87	7	800	St	10	-	10	10052	-1	E	2	0DD	42	87	5	800	cu	10	-	10
Ross-on-Wye	229	-	-	-	-	-	-	-	-	-	-	-	-	-	10021	0	-	0	0DD	34	87	3	450	Nb	10	-	10
Leafield	812	-	-	-	-	-	-	-	-	-	-	-	-	-	10082	0	EN	4	0	33	87	7	2500	St	10	-	10
Winchester (Worthy Dn.)	272	-	-	-	-	-	-	-	-	-	-	-	-	-	10079	0	NNE	3	0	38	82	6	800	St	10	-	10
S. Farnborough	237	-	-	-	-	-	-	-	-	-	-	-	-	-	10077	0	EN	2	0	38	87	5	1500	Nb	10	-	10
London (Kew Obs.)	18	-	-	-	-	-	38	-	-	-	-	-	-	-	10086	0	NE	3	0	38	82	6	800	St	10	-	10
Croydon	244	10119	-6	SE'S	3	0/r	37	87	4	800	Nb	10	-	10	10084	+2	E	3	0/r	39	87	4	800	Nb	10	-	10
Shoeburyness	11	-	-	-	-	-	-	-	-	-	-	-	-	-	10082	-4	NE	6	0/r	39	87	7	1500	Nb	10	-	10
Olveston-on-Sea	53	-	-	-	-	-	-	-	-	-	-	-	-	-	10030	-5	E	6	0/r	37	87	6	2500	St	10	-	10
Felixstowe	16	-	-	-	-	-	-	-	-	-	-	-	-	-	10031	-4	ENE	5	c/r	39	82	6	1500	Nb	8	As	10
Lymington	350	10130	-7	E	5	0/r	38	82	5	800	Nb	10	-	10	10058	-6	NNE	4	0DD	40	87	4	220	Nb	10	-	10
Scilly (St. Mary's)	163	10097	-1	WSW	5	c	50	82	8	4000	St	8	-	8	10050	-1	WS	5	bc/p	48	87	7	4000	cu	7	-	7
Falmouth (Pendennis)	300	10077	-1	SWW	4	0/r	52	87	6	2200	Nb	10	-	10	10076	0	WS	3	bc	47	87	8	4000	cu	4	-	4
Plymouth (Cattewater)	89	-	-	-	-	-	-	-	-	-	-	-	-	-	10071	0	W	3	c/d	48	82	7	1500	Nb	8	-	8
Portland Bill	32	10078	-4	SW	5	0/r	52	82	6	1500	Nb	10	-	10	10067	+1	NW	2	c	47	82	8	1500	St	10	-	10
Southampton (Calshot)	10	10091	-8	E'S	4	0/r	45	87	6	1500	Nb	10	-	10	10075	-1	NNW	2	c/r	40	87	7	1500	St	10	-	10
Dungeness	20	10133	-5	ESE	5	c/r	42	82	8	4000	Nb	9	-	9	10056	-6	NE	1	0DD	46	87	6	800	St	10	-	10
Guernsey (Fort George)	235	10116	-7	SSW	4	0DD	52	87	6	1500	Nb	10	-	10	10021	-1	WN	4	c/r	50	87	6	1500	Nb	7	As	10

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 27 th December																
STATIONS	WEATHER		TEMPERATURE		RAINFALL		SUNSHINE		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Forenoon	Afternoon	Min. 9h. to 12h.	Max. 12h. to 3h.	Night 12h. to 17h.	Day 17h. to 21h.	Sunrise to Sunset									
							hr.	hr.								
Bade																0.0
Penzance																0.0
Paignton																0.0
Torquay																0.0
Jersey																0.0
Weymouth																0.0
Bournemouth																0.0
Ventnor																0.0
Pertinmouth (St. Ives)																1.0
Bognor																0.9
Littlehampton																1.5
Worthing																1.4
Brighton																1.5
Eastbourne																1.8
Aberystwyth																3.6
Bath																4.6
Cheltenham																5.2
Leamington Spa																1.9
Lowestoft																3.9
Harwich & Dovercourt																4.0
Maldon																3.9
Southend																3.9

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received.

† The observations are at G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. § See footnote page 1.

¶ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. * 12h.-9h.

BRITISH SECTION

No. B.24502

Saturday, 22nd December... 1928.

Page 1.

Observations at 15h. G.M.T. 29th															Observations at 15h. G.M.T. 28th																				
STATIONS.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.				Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. Miles.	Cloud.				Sea.										
			Dir.	Force.					Height.	Form.	Amt.	Dir.			Force.	Height.					Form.	Amt.													
																							0-10	0-10		0-10	0-10	0-10	0-10	0-10	0-10				
(For heights see p. 4.)	mb.								Feet			mb.								Feet															
Lerwick	1011.4	-2	N.W.	1	bc	40	82	8	1500	Cu	3	As	6	1011.0	-2	E.N.E.	2	bc	41	85	8	1500	Cu	6	As	6									
Stornoway	1004.5	-6	S.E.	4	bc	39	75	8	-	-	0	Ac	6	1004.4	-3	S.E.	5	bc	38	75	8	-	-	0	Ac	6	4								
Wick	1011.6	-2	E.S.E.	3	C	41	55	8	2500	Sc	8	-	8	1003.6	-2	S.E.	3	C	40	65	8	2500	Sc	8	Cs	8									
Thurso	1005.9	-3	S.E.	6	C	39	75	9	2500	Sc	9	-	9	1001.8	-4	S.E.	3	C	40	75	8	2500	Sc	8	-	8	6								
Nairn	1012.3	-3	N.W.	2	mc	34	85	4	4000	Sc	9	-	9	1008.1	-2	E	3	C	33	75	8	1500	Sc	4	-	4	6								
Aberdeen	1012.3	-3	N.W.	2	mc	34	85	4	4000	Sc	9	-	9	1010.1	-2	S.E.	3	C	40	65	7	2500	Sc	9	-	9	0								
Malin Head	1004.2	-5	S.E.	5	C	40	92	6	5700	Sc	9	-	9	1003.5	-6	S.E.	5	Cd	42	97	6	4000	Nb	2	As	10									
Renfrew	1010.0	-5	E	3	C/f	38	75	5	-	-	0	C	8	1006.9	-4	E.N.E.	4	bc	36	85	6	2500	Sc	10	-	10									
Edinburgh (Inchkeith)	1010.8	-2	E.S.E.	2	C	39	85	8	4000	Cu	4	As	9	1008.0	-3	E.S.E.	3	bc	39	85	8	1500	Sc	3	-	3	0								
Leuchars	1011.0	-4	E	1	C	40	75	7	4000	Sc	5	C	8	1008.6	-3	S.E.	3	bc	37	85	7	2500	Sc	9	C	5									
Edinburgh (Leith)	1010.2	-5	S.E.	3	bc	37	75	7	2500	Cu	3	C	4	1007.9	-2	S.E.	3	bc	35	75	7	2500	Sc	9	-	9									
Tynemouth	1010.9	-2	E.S.E.	2	bc	43	65	8	1500	Cu	8	C	4	1002.1	-2	S.E.	3	bc	41	75	7	1500	Cu	4	-	4	4								
Blackhead Point	1008.8	-2	E.S.E.	4	C	48	85	8	-	-	8	-	8	1003.5	+1	N.W.	5	bc	44	75	8	-	-	7	-	7	5								
Donaghadee	1008.3	-3	S.E.	6	C	40	85	6	1500	Nb	3	-	8	1004.0	-4	S.E.	6	C	43	92	6	1500	Nb	8	-	8	6								
Birr Castle	1002.9	-	S	2	Cd	45	92	6	1500	Nb	8	-	8	1001.2	-	W	4	C	44	92	6	1500	Nb	8	-	8	6								
Holyhead	1006.5	-1	S.E.	1	Cd	42	97	6	4000	Nb	9	As	10	1004.9	-2	S.E.	4	Cd	44	97	6	1500	Nb	10	-	10	1								
Liverpool (Bldston)	1006.3	-2	S.E.	3	C	38	92	5	4000	Nb	10	-	10	1006.0	-3	S.E.	5	Cd	37	97	6	1500	Nb	10	-	10									
Chester (Sealand)	1006.3	-2	S.E.	3	C	38	92	6	800	Sc	10	-	10	1007.2	-2	S.E.	4	Cd	38	92	4	800	Sc	10	-	10									
Harrogate	1010.3	-1	S	1	mc	36	85	4	2500	Nb	8	As	9	1002.6	-1	S.E.	1	Cd	36	85	5	2500	Sc	10	-	10									
Warr Head	1010.4	0	E	3	C	42	75	6	4000	Nb	4	-	4	1003.5	0	E.S.E.	4	Cd	41	85	7	4000	Nb	8	-	8	3								
Birmingham (Edgbaston)	1009.9	-1	E.S.E.	3	C	36	92	3	1500	Nb	10	-	10	1010.3	-1	S.E.	3	Cd	37	97	5	1500	Nb	10	-	10									
Cranwell	1010.8	-2	E.S.E.	2	C	40	92	6	2500	Sc	10	-	10	1010.8	0	E	0	Cd	36	97	5	2500	Nb	10	-	10									
Gorleston	1008.9	-1	S.E.	3	C	42	92	6	2500	Cu	9	-	9	1011.1	0	E.S.E.	3	Cd	41	85	8	500	Nb	6	-	6	1								
Valentia (Cahiroivean)	1002.6	-5	S.W.	4	Cd	47	85	8	1500	Sc	3	As	10	1004.7	+1	N.W.	4	bc	47	65	8	2500	Sc	4	-	4	4								
Roche Point	1006.1	-1	S.W.	2	C	49	85	8	1500	Sc	9	-	9	1005.2	+2	W	3	bc	45	92	8	1500	Sc	4	-	4	4								
Pembroke (St. Ann's H.)	1006.0	+1	E.S.E.	3	C	44	97	2	450	Sc	10	-	10	1005.1	0	S.W.	3	Cd	49	85	8	1500	Sc	10	-	10	3								
Ross-on-Wye	1003.0	-1	E.N.	2	C	36	97	5	450	Sc	10	-	10	1006.2	-1	N.W.	1	Cd	37	97	2	450	Sc	10	-	10									
Leafield	1003.5	0	E	2	mc	34	97	4	250	Sc	10	-	10	1008.4	-1	S.E.	3	Cd	37	97	5	220	Sc	10	-	10									
Worcester (Worthy Dn.)	1003.5	+1	E.S.E.	1	C	39	92	5	450	Sc	10	-	10	1009.3	0	E.S.E.	2	Cd	40	97	8	450	Sc	10	-	10									
S. Farnborough	1003.3	0	E	1	Cd	39	97	3	800	Sc	10	-	10	1009.4	0	E	2	Cd	39	97	4	1500	Nb	10	-	10									
London (Kew Obs.)	1003.8	0	E.S.E.	2	C	41	85	5	800	Sc	10	-	10	1009.9	0	E.S.E.	2	Cd	41	92	4	1500	Sc	10	-	10									
Croydon	1003.4	0	E.S.	2	C	40	92	6	800	Sc	10	-	10	1009.5	+1	E.S.E.	2	Cd	40	92	5	800	Nb	10	-	10									
Shosbury Ness	1009.3	0	E	4	C	41	92	8	2500	Sc	8	As	9	1010.7	+1	E.S.E.	1	C	41	97	7	1500	Sc	10	-	10									
Clouston-on-Sea	1009.7	-1	E.N.E.	4	C	42	85	7	2500	Sc	7	As	10	1010.7	+3	E.S.E.	2	C	42	85	7	4000	Sc	8	As	10	web								
Falinstowe	1009.7	-1	E.N.E.	4	C	42	85	7	2500	Sc	7	As	10	1010.7	+3	E.S.E.	2	C	42	85	7	4000	Sc	8	As	10									
Lympna	1008.2	0	N.N.E.	4	C	40	92	6	450	Sc	10	-	10	1010.2	+2	-	0	Cd	39	97	6	1500	Sc	10	-	10									
Scilly (St. Mary's)	1010.0	+1	N.W.	6	bc	51	85	7	4000	Cu	4	Ac	6	1003.2	-1	S.W.	5	Cd	49	97	5	2500	Nb	10	-	10	2								
Falmouth (Pendennis)	1003.9	0	N.W.	5	bc	49	85	7	4000	Cu	5	C	7	1008.3	0	N.W.	2	bc	49	92	7	4000	Cu	5	Ac	7	2								
Plymouth (Cattewater)	1008.6	-1	W	4	C	50	85	7	1500	Nb	9	As	10	1009.2	0	N.W.	4	bc	49	85	8	1000	Cu	2	C	3	1								
Poole Bill	1008.8	+1	NE	1	Cd	46	92	8	1500	Sc	9	As	10	1009.3	+1	N.W.	4	C	50	85	8	2500	Sc	9	-	9	2								
Chesham (Calshot)	1009.4	+1	NE	0	C	42	92	6	800	Sc	8	As	10	1003.2	0	S.E.	4	Cd	43	97	6	800	Nb	10	-	10	3								
Agness	1007.9	+1	NE	0	C	43	92	7	2500	Sc	10	-	10	1010.4	+3	NE	1	Cd	42	97	8	800	Sc	10	-	10	3								
Guernsey (Fort George)	1010.2	0	W	3	C	50	85	8	1500	Cu	7	Ac	9	1011.4	+2	W	3	bc	48	92	9	2500	Cu	3	Ac	4	3								
LONDON OBSERVATIONS.																																			
Day 7h-15h, New & Croydon.		9h-15h, Kensington.		9h-21h, other stations.		WEATHER.		TEMPERATURE.			RAIN-FALL.		SUN-SHINE.		HUMIDITY.		ATMOSPHERIC POLLUTION.			POLE STAR RECORD at Greenwich Obsy.			CODE FOR STATE OF GROUND.												
Height above M.S.L. in feet.		Morning.		Afternoon.		Night.		Max. Min. on Day. Night.		Min. on Grass.		mm. Day Night.		Sunset. hrs.		15h. 9h. G.M.T. G.M.T.		Milligrams of Solid Impurity per cubic metre.			Exposure from 28th to 29th 17h. 9. m. to 29th 7h. 0. m.			0=Dry ground, 1=Wet ground, 2=Soft (muddy) wet ground, 3=Bare ground frozen (but less than 2 ins. deep), 4=Bare ground frozen (but more than 2 ins. deep), 5=Dew (or wet grass but not wet ground), 6=Skating to-day in 15h and 18h reports (hoar frost in 1h and 7h reports), 7=Snow (thin layer often not continuous), 8=Snow (deep, impeding traffic, usually a continuous layer), 9=Glazed roads (ice on roads from frozen rain or melted snow).											
24 HOURS ENDED 9h.		24 HOURS ENDED 9h.		24 HOURS ENDED 9h.		24 HOURS ENDED 9h.		24 HOURS ENDED 9h.		24 HOURS ENDED 9h.		24 HOURS ENDED 9h.		24 HOURS ENDED 9h.		24 HOURS ENDED 9h.		24 HOURS ENDED 9h.			24 HOURS ENDED 9h.			24 HOURS ENDED 9h.											
New		Croydon		Greenwich (Royal Obsy.)		City (Bunhill Row)		Westminster (St. James' Pk.)		Regent's Pk. (Botanic Gdns.)		Camden Square		Kensington Palace		Hamstead Observatory		South Kensington			Defective record			Kew Observatory			Polaris			δ Ursae			Minors		
18		244		149		30		27		186		110		80		450		Max. Time. Min. Time.			Max. Time. Min. Time.			Max. Time. Min. Time.			h. m. h. m. %			h. m. h. m. %			h. m. h. m. %		
11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			14.0 3.42 26			14.0 3.30 25			14.0 3.30 25		
8.7		8.7		8.7		8.7		8.7		8.7		8.7		8.7		8.7		15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			14.0 3.42 26			14.0 3.30 25			14.0 3.30 25		
11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			14.0 3.42 26			14.0 3.30 25			14.0 3.30 25		
11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			14.0 3.42 26			14.0 3.30 25			14.0 3.30 25		
11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			14.0 3.42 26			14.0 3.30 25			14.0 3.30 25		
11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			14.0 3.42 26			14.0 3.30 25			14.0 3.30 25		
11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			14.0 3.42 26			14.0 3.30 25			14.0 3.30 25		
11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			14.0 3.42 26			14.0 3.30 25			14.0 3.30 25		
11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		11.55		15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			15h. 28h. 40.1 5h. 25h.			14.0 3.42 26			14.0 3.30 25			14.0 3.30 25		
11.55		11.55																																	

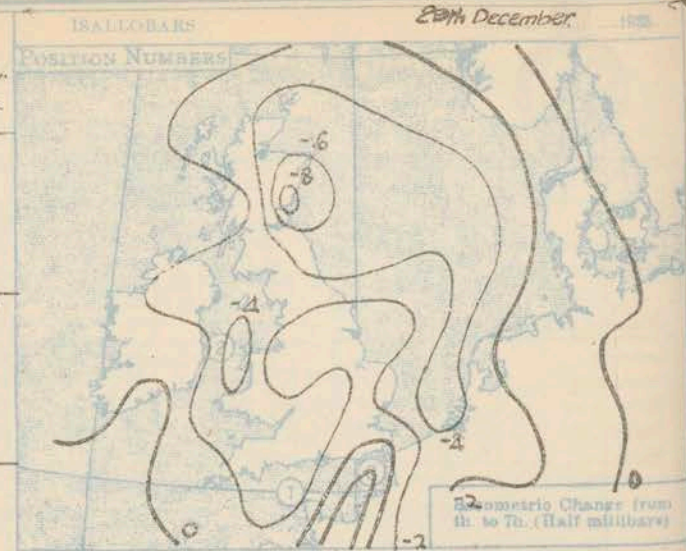
Trace of rain has fallen, but amount less than 0.1 mm.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

SUMMARY FOR THE PAST 24 HOURS.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				Sun Hours.
	Th-18h. 28th	18h-18h. 29th	18h-24h. 29th	1h-7h. 29th	MAX. Day. Th-18h.	MIN. Night. 18h-7h.	MIN. on Th-18h.	Day, Th-18h. mm.	Night, 18h-7h. mm.	Day, 18h-7h. mm.	Night, 18h-7h. mm.	
Lerwick	bc	bc	bc	bc	41	30	.	0.3	4.00	-	-	1.8
Stornoway	c	c	bc	r	39	36	.	-	-	4	22.00	2.6
Wick	c	c	c	c	42	30	.	-	-	-	-	.
Tiree	c	bc	bc	r	40	35	34	Tr	14.30	10	21.00	0.3
Nairn	c	bc	bc	bc	36	32	.	-	-	1	3.30	1.3
Aberdeen	c	c	c	c	40	38	36	-	-	1	4.30	0.0
Malin Head	c	bc	bc	c	42	35	.	0.3	15.30	4	21.00	0.0
Benfrew	c	bc	bc	c	38	32	32	Tr	17.30	12	21.00	0.8
Edinburgh (Inchkeith)	c	bc	bc	c	41	34	32	Tr	3.00	7	21.00	2.7
Leuchars	c	bc	bc	c	41	35	33	Tr	3.00	10	21.00	1.0
Exdalemuir	c	bc	bc	c	37	32	32	Tr	14.30	8	21.00	3.6
Tynemouth	c	bc	bc	c	44	38	35	0.1	14.30	2	24.00	.
Blackad Point	c	bc	bc	c	48	38	.	5	.	5	.	.
Donaghadee	c	bc	bc	c	43	34	.	1	11.00	5	21.00	.
Rirt Castle	c	bc	bc	c	48	33	24	2	9.00	1	21.00	0.6
Holyhead	c	bc	bc	c	44	41	38	1	9.00	3	21.00	0.0
Liverpool (Bidston)	c	bc	bc	c	38	36	31	1	11.00	2	21.00	0.0
Chester (Sealand)	c	bc	bc	c	38	36	30	1	4.00	1	21.00	0.0
Harrogate	c	bc	bc	c	36	36	31	Tr	17.30	3	21.00	0.0
Spurn Head	c	bc	bc	c	42	38	.	-	-	1	24.00	3.1
Birmingham (Edgbaston)	c	bc	bc	c	37	35	32	1	4.00	2	21.00	0.0
Cranwell	c	bc	bc	c	41	36	32	0.5	4.00	2	24.00	1.2
Gorleston	c	bc	bc	c	42	40	37	1	4.00	2	24.00	1.8
Valentia (Cahirciveen)	c	bc	bc	c	50	38	35	3	2.00	6	22.00	0.3
Roches Point	c	bc	bc	c	51	37	.	4	14.30	1	21.00	3.15
Pembroke (St. Ann's H.)	c	bc	bc	c	50	39	.	6	4.00	6	21.00	0.0
Ross-on-Wye	c	bc	bc	c	37	36	20	1	4.00	4	21.00	0.0
Leafield	c	bc	bc	c	37	35	31	2	4.00	1	21.00	0.0
Winchester (Worthy Dn)	c	bc	bc	c	40	36	33	1	14.30	5	21.00	0.0
S. Farnborough	c	bc	bc	c	39	36	31	1	4.00	3	21.00	0.0
London (Kew Obs.)	c	bc	bc	c	41	38	31	0.2	19.30	3	21.00	0.0
Croydon	c	bc	bc	c	40	38	32	0.6	4.00	4	21.00	0.0
Shoeburyness	c	bc	bc	c	42	39	35	0.5	4.00	6	22.00	0.0
Olaeton-on-Sea	c	bc	bc	c	42	41	38	0.6	4.00	2	3.30	0.0
Felixstowe	c	bc	bc	c	42	40	38	Tr	4.00	2	24.00	0.0
Lymington	c	bc	bc	c	40	38	36	0.3	4.00	2	21.00	0.0
Stilly (St. Mary's)	c	bc	bc	c	51	41	.	1	4.00	2	21.00	3.0
Falmouth (Pendennis)	c	bc	bc	c	51	42	.	0.2	4.00	2	21.00	1.5
Plymouth (Cattewater)	c	bc	bc	c	51	42	39	0.2	9.00	2	21.00	0.5
Portland Bill	c	bc	bc	c	50	45	.	Tr	11.00	Tr	22.00	.
Southampton (Caishot)	c	bc	bc	c	43	39	35	0.5	4.00	2	21.00	0.0
Dungeness	c	bc	bc	c	46	.	.	0.4	4.00	5	21.00	.
Guernsey	c	bc	bc	c	50	43	.	2	4.00	6	21.00	1.0



Position.		Date and Time.	Steamship.	Wind.		Weather.	Temp.		Visibility.
				Dir.	Force.		Air.	Sea.	
2	28th 10h	Cambria	SEE	4	4	Cl	44	50	8
3	29th 2h	Brighton	SW	5	4	Cl	50	61	7

GENERAL INFERENCE.

A deep depression centred south of Iceland continues to move eastward. Winds will be mainly from a westerly or south-westerly point, and weather generally unsettled with considerable rain, perhaps snow or sleet locally, in the northern half of the country and occasional rain in the southern half. Hail showers are to be expected on the western coast of Ireland.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Saturday, 29th December, 1928.	Farther Outlook.
1. S.E. England	Fresh southwesterly to westerly winds, cloudy with brighter intervals but occasional rain; moderate temperature.	
2. E. England		
3. E. Midlands		
4. W. Midlands	Fresh to strong westerly winds; cloudy with bright intervals but occasional rain; some snow on high ground; moderate temperature.	
5. S.W. England		
6. South Wales		
7. North. Wales		Cloudy with bright intervals, occasional showers, westerly winds and moderate temperature. Further snow on high ground.
8. N.W. England		
9. N. Midlands		
10. N.E. England	Fresh to strong southeasterly or southerly winds, veering; dull, rain or sleet with snow locally and on high ground; moderate temperature.	
11. S.E. Scotland		
12. S.W. Scotland & Isle of Man		
13. A.W. Scotland		South Cone hoisted at 18h.45m. yesterday in Districts 13, 15, and 16.
14. Mid-Scotland		
15. N.E. Scotland		
16. Orkneys and Shetlands		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland	Strong westerly winds, veering a little; cloudy with bright intervals and wintry showers; moderate temperature.	
20. S.W. Ireland		

Meteorological Office, Air Ministry, Whitehall, London, W.C.2.

Forecasts issued at 0910 G.M.T.

G. C. SIMPSON, F.R.S., Director.

For code see page 1

+ Trace = rain has fallen, but amount less than 0.1 mm.



DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

No. 364...

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR *23th December*

† See footnote page 1.

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-9h.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B24510.

Sunday 30th December, 1928.

Page 1.

Observations at 13h. G.M.T. 22 nd															Observations at 13h. G.M.T. 22 nd														
STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.	Wind.		Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 Hours.	Wind.		Weather.	Temp. of.	Humidity. %	Visibility. 0-9	Cloud.							
			Direc.	Force					Low.	Upper.	Total.	Form.	Direc.			Force	Low.					Upper.	Total.	Form.					
																									Height.	Form.	Amt.	Height.	Form.	Amt.	Height.	Form.	Amt.
(For heights see p. 4).			0-12						Feet	0-10	0-10	0-10			0-12							Feet	0-10	0-10	0-10	0-9			
Lerwick ...	1006.0	-2	E 5	4	bc	41	75	8	1500	Cu	3	AST	5		1006.1	0	E 5	5	bc	40	65	8	1500	Cu	3	AST	4		
Stormoway ...	996.1	-1	ESE	6	org	40	32	6	1500	Nb	10		10		996.1	-2	E	6	o	41	85	6	1500	Nb	10		10	5	
Wick ...	999.2	-3	SE	7	c	43	65	8	1500	CuNb	6	AST	10		999.1	-1	SE	7	c	42	76	8	1500	CuNb	8	AST	10	4	
Tiree ...	994.9	-2	SW	1	cjp	39	97	8	1500	CuNb	10		10	2	994.4	0	SSW	2	or	38	97	7	800	Nb	10		10	1	
Nairn ...	996.0	-4	SE	6	crr	39	32	6	800	Nb	8	AST	10	2	996.0	-4	E	2	c	36	92	7	1500	CuNb	9		9		
Aberdeen ...	996.5	-4	SE	6	crr	39	32	6	800	Nb	8	AST	10	2	997.6	+1	S	2	b	39	85	6	2500	StCu	2		2	4	
Malin Head ...	996.4	-3	SSE	3	bc	37	92	8	4000	Cu	1	Cu	3		996.3	-3	SSE	4	bc	36	97	7	5700	StCu	3		3	1	
Reutfrew ...	996.5	-2	E	1	ffo	34	97	3	1500	St	10		10	7	996.6	-1	NE	2	b	33	97	6	2500	StCu	2		2		
Edinburgh (Inchkeith) ...	996.2	-2	W	3	ors	35	97	5	800	Nb	10		10		996.5	+1	S	1	b	36	85	7	1500	St	1	AST	2	0	
Leuchars ...	996.1	-1	S	1	os	33	97	4	800	Nb	10		10	2	997.2	+2		0	c	33	97	6	1500	StCu	9	AST	10		
Esksdalemuir ...	997.6	-2	S	3	c	34	92	6	800	St	9		9	9	996.8	-1	SSE	3	o	33	97	6	450	St	10		10		
Tynemouth ...	998.6	-1	WSW	2	bcff	42	75	5	1500	Cu	6		6		998.6	0	SW	1	bc	36	92	5	450	St	5		5	2	
Blackhead Point ...	996.9	-1	WNW	4	cs+	37	92	8	*	CuNb	8		8		994.6	-2	NW	4	bc	38	92	7	*	CuNb	4		4	5	
Donaghadee ...	998.6	-3	W	2	cip+	36	92	8	4000	StCu	8		8		996.6	-2	WSW	2	cr	36	92	8	2500	StCu	8		8	2	
Birr Castle ...	1000.0	-4	WSW	2	cfs	34	97	6	800	Nb	9		9		995.0	-4	SW	2	c	34	97	6	1500	Cu	3	AST	8		
Holyhead ...	999.7	-3	SW	4	cpr	41	92	8	1500	StCu	3		3	1	997.7	-3	SW	2	c	41	85	7	2500	StCu	9		9	1	
Liverpool (Bidston) ...	999.4	-2	WSW	3	b+	40	75	7	2500	CuNb	1		1		997.6	-2	SW's	2	b	37	92	7	2500	Nb	1		1		
Chester (Sealand) ...	1000.2	-2	W'N	2	b	44	65	8	2500	Cu	2		2	1	998.1	-2	SW's	2	b	36	85	7	2500	StCu	1		1		
Barrowgate ...	999.6	-1	SW	3	c	36	85	5	2500	Nb	9		9		998.9	-1	SSW	2	c	35	92	5	2500	St	9		9		
Spurn Head ...	999.7	-2	WSW	2	c	38	91	6	4000	CuNb	6	AST	10		999.2	-4	SSW	2	bc	35	97	6	4000	CuNb	5		5	3	
Birmingham (Edgbaston) ...	1002.0	-2	WSW	4	b	40	75	8	2500	Cu	2		2	2	1000.8	-3	SSW	3	b	37	85	6			0		0		
Cranwell ...	1000.9	-4	W	4	org	37	92	5	800	Nb	10		10	1	1000.6	-1	SSW	2	bc	33	92	5	2500	StCu	3		3		
Gorleston ...	1002.0	-3	W'S	3	c+	43	92	7	2500	Nb	8		8		1001.4	0	WSW	2	b	39	85	7			0		0	0	
Valentia (Cahiroivean) ...	999.6	-7	W's	5	c	43	75	8	1500	St	8		8	2	997.2	-3	W	5	c	42	65	8	1500	St	8		8	6	
Roche's Point ...	1002.3	-5	NW	3	c	43	85	8	1500	CuNb	8		8		998.2	-3	NW	3	bc	39	92	8	1500	CuNb	3		3	4	
Pembroke (St. Ann's H.) ...	1001.6	-2	WSW	5	bcfr	42	85	8	1500	Cu	4	Cu	6		997.9	-4	W	3	org	40	97	7	800	St	10		10	4	
Ross-on-Wye ...	1002.4	-2	WSW	3	bc	43	65	6	4000	Cu	3		3	2	1000.2	-2	SW's	2	b	36	85	6	2500	Cu	1	AST	2		
Leafield ...	1003.2	-2	SW	3	c	38	85	8	4000	StCu	8		8	2	1001.3	+2	SW's	3	b	33	97	8	4000	StCu	1		1		
Winchester (Worthy Dn.) ...	1004.8	-2	SW'W	4	bc	44	65	8	2500	Cu	2	Cu	3	2	1003.7	-1	SSW	2	b	35	85	8	4000	StCu	2		2		
S. Farborough ...	1004.4	-2	W	4	bc+	45	65	8	2500	Cu	4	Cu	5	2	1003.0	-2	SW'W	3	b	35	75	8	2500	StCu	1		1		
London (Kew Obsv.) ...	1003.7	-3	WSW	4	b	43	65	6	1500	Cu	1		1	2	1002.7	-1	SW	2	b	38	85	5	1500	Cu	1		1		
Croydon ...	1004.6	-3	W'N	4	bc+	44	65	7	2500	Cu	3		3	2	1003.5	-2	W	4	bpr	38	85	6			0		0		
Shaoburyne ...	1003.7	-2	W	5	b	45	75	8	2500	Cu	2		2		1002.7	0	SW	3	b	37	97	8			0		0		
Clacton-on-Sea ...															1002.4	0	WSW	3	bc	39	85	6	4000	St	4		4	2	
Felixstowe ...	1002.4	-4	SW's	4	b	44	75	6	2500	Cu	1		1	2	1002.7	0	SW's	3	b	38	85	6			0		0	1	
Lympe ...	1004.6	-5	WSW	4	bc	43	75	8	5700	StCu	3	AST	4	2	1003.5	-1	SW'W	3	b	37	85	7			0		0		
Seilly (St. Mary's) ...	1008.5	-1	W's	6	bc	45	75	7	4000	Cu	5		5		1003.2	-4	WSW	6	cpr	44	92	7	4000	Nb	9	AST	10	6	
Falmouth (Pendennis) ...	1006.3	-2	W	2	bcpr	44	75	8	4000	CuNb	5	AST	10		1000.8	-5	SW'W	4	cr	43	92	7	2500	Nb	8	AST	10	2	
Plymouth (Cattewater) ...	1005.8	-4	W	5	bc+	45	75	7	4000	CuNb	3		3	2	1001.9	-6	WSW	6	cfr	42	92	6	4000	CuNb	9		9	4	
Portland Bill ...	1004.5	-3	W's	5	cjp	46	65	8	1500	St	5	AST	8		1002.0	-2	SW	5	bc	47	65	8	1500	St	4		4	5	
Southampton (Calsbot) ...	1004.9	-4	W's	5	bc	44	75	8	2500	Cu	4		4	1	1003.6	-2	W's	3	b	39	85	8			0		0	0	
Dungeness ...	1004.8	-4	WSW	5	bc+	45	85	8	2500	StCu	7		7		1004.4	0	WSW	3	bc	42	85	8	2500	CuNb	3		3	4	
Guernsey (Fort Gange) ...	1003.5	-2	W's	5	bcjp	47	55	8	2500	CuNb	4		4		1006.1	-4	WSW	6	bc	46	65	9	2500	CuNb	4		4	6	
LONDON OBSERVATIONS.															LONDON OBSERVATIONS.														
Day 7h-18h, Kew & Croydon.															Day 7h-18h, Kew & Croydon.														
9h-18h, Kensington.															9h-18h, Kensington.														
9h-21h, other stations.															9h-21h, other stations.														
Kew															Kew														
Croydon															Croydon														
Greenwich (Royal Obsv.)															Greenwich (Royal Obsv.)														
City (Bunhill Row)															City (Bunhill Row)														
Westminster (St. James' Pk.)															Westminster (St. James' Pk.)														
Regent's Pk. (Botanic Gdns).															Regent's Pk. (Botanic Gdns).														
Camden Square.															Camden Square.														
Kensington Palace															Kensington Palace														
Hamstead Observatory															Hamstead Observatory														
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.															TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.														
30 th 23 rd Dec. 1893.															30 th 23 rd Dec. 1893.														
STATIONS.															STATIONS.														
Sunrise.															Sunrise.														
Noon.															Noon.														
Sunset.															Sunset.														
Yarmouth															Yarmouth														
Greenwich															Greenwich														
Wick															Wick														
Valentia															Valentia														
BEAUFORT NOTATION OF WEATHER.															BEAUFORT NOTATION OF WEATHER.														
b blue sky (not more than a quarter covered with cloud).															b blue sky (not more than a quarter covered with cloud).														
bc sky partly cloudy (one half covered).															bc sky partly cloudy (one half covered).														
c generally cloudy.															c generally cloudy.														
d drizzle. e wet air. g gloomy.															d drizzle. e wet air. g gloomy.														
f fog, visibility 200-1000 m.															f fog, visibility 200-1000 m.														
F thick fog, " less than 200 m.															F thick fog, " less than 200 m.														
m mist, " 1000-12000 m.															m mist, " 1000-12000 m.														
h hail. i intermittent.															h hail. i intermittent.														
jp precipitation within sight of station.															jp precipitation within sight of station.														
KQ line squall. l lightning.															KQ line squall. l lightning.														
o overcast sky. p passing showers.															o overcast sky. p passing showers.														
q equally. r rain. s snow.															q equally. r rain. s snow.														
rs sleet. t thunder.															rs sleet. t thunder.														
u ugly, threatening sky.															u ugly, threatening sky.														
v unusual visibility. w dew.															v unusual visibility. w dew.														
SEA DISTURBANCE.															SEA DISTURBANCE.														
0=no swell. 1=mod. swell. 2=heavy swell. 3=no swell. 4=mod. swell. 5=heavy swell. 6=rather rough sea. 7=rough sea. 8=very rough sea. 9=mountainous sea.															0=no swell. 1=mod. swell. 2=heavy swell. 3=no swell. 4=mod. swell. 5=heavy swell. 6=rather rough sea. 7=rough sea. 8=very rough sea. 9=mountainous sea.														
The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 20 feet above the ground.															The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 20 feet above the ground.														
BEAUFORT No.															BEAUFORT No.														
Statute miles per hour.															Statute miles per hour.														
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.															TELEGRAPHIC CODE FOR SURFACE VISIBILITY.														
0. Dense fog. 1. Thick fog. 2. Fog. 3. Moderate fog. 4. Mist or haze. 5. Poor visibility. 6. Moderate. 7. Good. 8. Very good. 9. Excellent visibility, beyond 51 miles.															0. Dense fog. 1. Thick fog. 2. Fog. 3. Moderate fog. 4. Mist or haze. 5. Poor visibility. 6. Moderate. 7. Good. 8. Very good. 9. Excellent visibility, beyond 51 miles.														

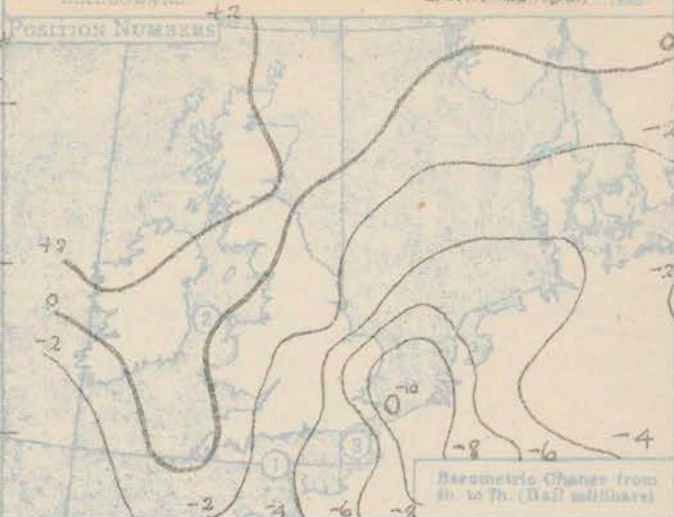
SUMMARIES FOR THE PAST 24 HOURS.

SUN

ISALOBARS

30th December, 1928

STATIONS.	WEATHER				TEMPERATURE			RAINFALL				Sun Hours
	7h-10h 20th	10h-12h 20th	12h-2h 20th	2h-7h 30th	Max. Day	Min. Night	Min. on Glass	Day 7h-10h mm	Night 10h-7h mm	10h-7h mm	begin	
Lerwick	bc	bc	bc, lbr	cipr, bc	42	38	.	-	-	Tr.	24.00	0.3
Stornoway	r-d	or, co	or, bc	c	41	38	.	4	8.00	0.5	42.00	0.0
Wick	c	ci, hr	ci, bc	b, bc	43	39	.	0.5	14.30	2	42.00	.
Tirer	r, p, o	r, p, o	r, p, o	b, bc	39	36	33	9	8.00	4	42.00	0.0
Nairn	cd.	cg	cb, x	cb, bc	37	31	.	0.2	9.00	0.5	3.30	0.0
Aberdeen	orr	er, cb	cl, rc	cl, rc	40	33	27	7	8.00	3	42.00	0.0
Malin Head	bc	b, c	b, c	b, c	38	34	.	-	-	Tr.	42.00	3.6
Benfrew	of, r, s	of, r, bc	b, m, c	c, r, r	36	32	27	10	8.00	0.5	3.30	0.0
Edinburgh (Inchkeith)	ors, ss	ors, bc	b, bc	b, r, c	38	35	28	7	8.00	1	1.30	0.0
Leuchars	r, s, c, sm	ss, m, r, bc	cb, bc, r	b, c, r	35	29	22	4	8.00	3	24.00	0.0
Exdalemuir	c, s, cm	cm, o	om, bc	om, s, m	35	30	26	1	8.00	1	3.30	0.8
Tynemouth	cb, c, ff	b, cm	b, c, f	b, c, f, o, r, h	43	30	26	-	-	2	3.30	.
Blackod Point	ph, r, s, q	ph, bc	ph, r	p, bc	42	36	.	4	.	b	.	.
Donaghadee	b, c	c	b, c	b, r, c	37	32	.	0.2	17.30	2	42.00	.
River Castle	c, r, s	c, r, s	c, x	c, x	38	29	16	9	8.00	-	-	0.5
Holyhead	cb, c, p, r	c, p, h	r, s, s	r, s, c	43	33	32	0.2	12.30	19	42.00	1.4
Liverpool (Bidston)	c, p, b	b, o, r, bc	b, c, o, s	u, s, s, m	41	32	31	1	9.00	4	42.00	2.7
Chester (Sealand)	er, r, m, bc	c, b, c, p, r	b, o, r, m	u, s, s, m	45	35	29	3.3	9.00	4	22.00	3.1
Harrogate	c	c	c, r, bc	b, o, s, d, f	36	29	26	-	-	Tr.	42.00	0.0
Spurn Head	b, c, c, p, r	c, o, r, r, bc	b, c, x	c	42	34	.	2	11.00	-	-	0.0
Birmingham (Edgbaston)	b, c, c	b, bc	b, o, r, s	o, d.	42	33	31	0.5	8.00	1	2.00	4.9
Greenwell	d, c, r	r, bc	c, o, f	o, z, d, f, x, s	40	30	22	0.5	9.00	3	3.30	0.3
Gorleston	o, bc	c, bc, b	b, c, m, x	b, c, o, r, r	43	32	29	-	-	7	4.30	2.4
Valentia (Cahiroireen)	c, p, h, bc	b, c, p, h	c, p, h	b, c, p, h, r	45	37	32	1	8.00	2	42.00	1.8
Roches Point	c, p, c	c, p, r, s, bc	b, c, b	b, c, c	44	35	.	3	11.00	-	-	.
Pembroke (St. Ann's H.)	b, c, p	b, c, p, h, r	b, c, c, h, q	c, p, h	46	37	.	5	9.00	3	42.00	1.5
Ross-on-Wye	c, b, b, bc	b, c, b, bc	c, o, d, r	r, c, o, b	43	32	27	-	-	2	42.00	3.8
Leafield	c, p, r, bc	c, bc	b, b, c, o, r	c	39	32	30	0.1	11.00	1	22.00	2.7
Wexham (Worthy Dn)	c, b, c	b, c, p, q, b	b, c, c, r, r	c, b, c	44	33	25	0.3	16.30	3	42.00	6.4
S. Farnborough	c, p, b, c	b, c, p, q, b	b, o, r, r, c	c, o, r, c	45	34	29	0.3	8.00	1	22.00	5.9
London (Kew Obs.)	b, w, b, m	b, m	b, c, m, x	o, r, m	43	35	29	0.1	-	1	22.00	5.7
Grydon	b, m, c, p, r	b, c, p, r, 3	b, o, r, m	o, r, m	44	35	30	Tr.	9.00	8	24.00	?
Sheshbourn	b	b	b, c	c, o, l, r	46	33	29	-	-	16	23.00	6.1
Glacton-on-Sea	b, b, c, b, 3	b, 3, b, m	b, c, b, m	b, m, c, r, r	44	36	30	-	-	17	22.00	4.0
Felicitawe	b, m, c, b, 3	b, 3	b, m	b, o, r, r	44	26	32	Tr.	11.00	15	23.00	5.1
Lymington	b, m, c, p, r, bc	b, c, b	b, b, c, p, r	o, p, r, o, r	44	34	30	1	9.00	9	24.00	3.9
Scilly (St. Mary's)	b, c, p	b, c, c, p	c, p	c, b, c, p	47	37	.	3	12.30	3	42.00	3.4
Falmouth (Pendennis)	b, c, p, r	b, c, p, h, c, r	c, o, r, l, b, c, q	b, c, p, h, q	46	37	.	5	8.00	5	42.00	4.0
Plymouth (Cattewater)	b, c, p, r	c, p, r, b, m	o, r, r, p, r, q	b, c, c, r	47	35	31	1	9.00	3	42.00	4.3
Portland Bill	b, c, p	b, c, p, bc	c, p, l, o, r, h, c	c, p, r, bc	47	39	.	3	11.00	11	42.00	.
Southampton (Calshot)	o, m, r, bc	b, c, b	c, p, r, o, r, c	o, r, s, h, c	45	37	32	Tr.	8.00	8	42.00	6.3
Dunoon	c, p, r, bc	b, c	b, c, c, c	c, r, r, c	47	.	.	0.3	2.00	9	1.30	.
Guernsey	b, c, p, q, y	b, c, p, q, v	o, r, o, r	c, r, r, q, v	47	37	.	0.1	11.00	17	42.00	13.0



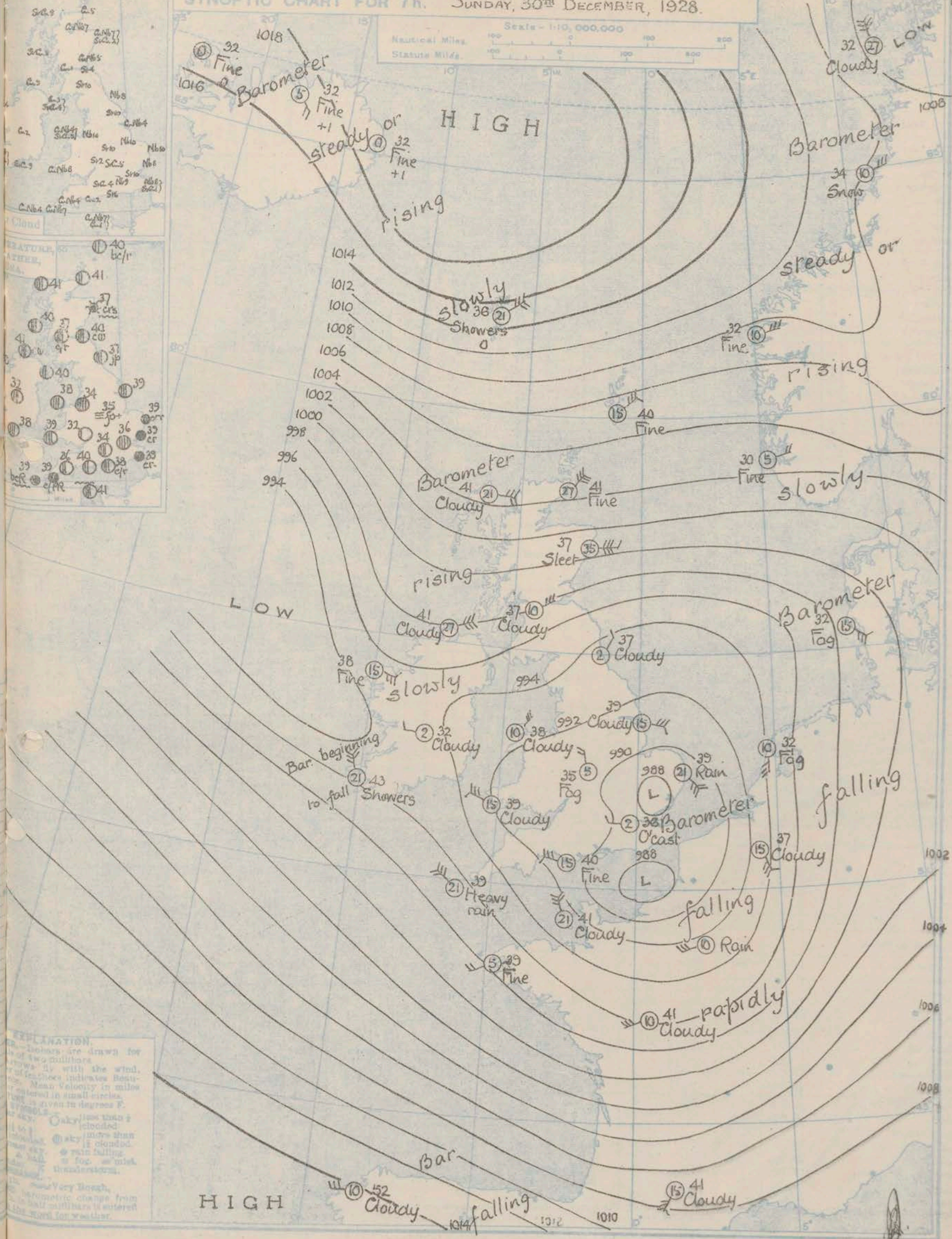
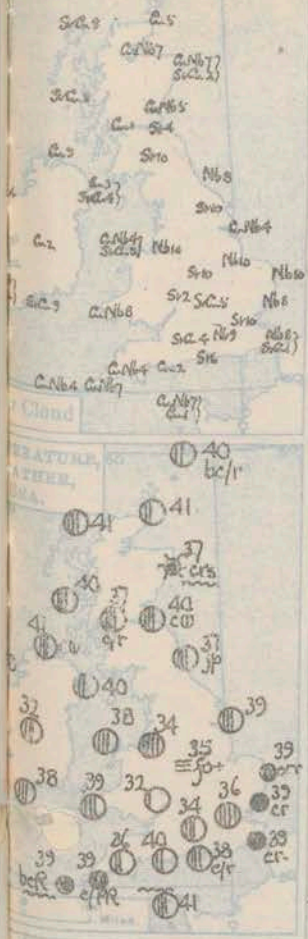
Observations from Cross Channel Steamers.

Position	Date and Time	Steamship	Wind		Weather	Temp.		Visibility
			Dir.	Force		Air	Sea	
2	20th 10h	Camelia	W	4	b, c	41	50	8
1	12h	St. Helier	W	6	/PH	50	52	7
3	30th 2h	Dieppe	SW	6	r	47	50	5

GENERAL INFERENCE.

A depression over Southeast England is growing deeper and moving slowly east-south-east. Winds will be mainly easterly over a considerable part of the Kingdom and the weather will be cold and unsettled with some rain, sleet or snow.

Districts	Forecast for the 24 hours commencing 12 Noon G.M.T. Sunday, 30th December, 1928.	Further Outlook.
1. S.E. England	Wind N.W., moderate, veering slowly; dull, occasional rain or sleet, and some snow on higher ground; local mist; cold.	
2. E. England		
3. E. Midlands	Wind N.W., veering slowly, mainly moderate; dull, some rain, sleet and snow; local mist; cold.	Cold, with some further sleet or snow.
4. W. Midlands		
5. S.W. England	Wind N.W. to N., moderate to fresh, stronger on coasts; variable skies; some rain or hail showers; rather cold, local frost at night.	
6. South Wales		
7. North Wales	Wind N. to N.E., moderate to fresh; cloudy; some snow or sleet at first, then improving; cold; frost at night.	
8. N.W. England		
9. N. Midlands	Wind N.E., fresh, strong locally; cloudy; occasional snow or sleet at first; then probably improving; cold; frost at night.	South Cone flying. Hoisted at 15h.15m. yesterday in districts 5, 6, 17 and 20; at 02h.20m. today in district 1; still flying in other districts.
10. N.E. England		
11. S.E. Scotland		
12. S.W. Scotland & Isle of Man	Wind E., strong, approaching a gale at times on exposed coasts; variable skies; showers of hail or snow; cold.	
13. A.W. Scotland		
14. N.W. Scotland		
15. Mid-Scotland		
16. N.E. Scotland		
17. Orkneys and Shetlands		
18. N.W. Ireland	As 8 - 11.	
19. N.E. Ireland		
20. S.E. Ireland	Wind northerly, moderate to fresh; variable skies; local showers of rain or hail; rather cold; frost inland at night.	
21. S.W. Ireland		



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

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BRITISH SECTION. Sunday 30th December 1928.

No. 345.

Page 4.

BRITISH SECTION

Observations at 1h. G.M.T. 20th

Observations at 7h. G.M.T. 30th

STATIONS.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 20th										Observations at 7h. G.M.T. 30th											
		Barom. at M.S.L. in inches.	Change in 3 hours.	Wind.		Weather.	Temp. at 3 ft.	Humidity %.	Visibility in miles.	Cloud.			Barom. at M.S.L. in inches.	Change in 3 hours.	Wind.		Weather.	Temp. at 3 ft.	Humidity %.	Visibility in miles.	Cloud.		
				Direc.	Force.					Height.	Form.	Amt.			Direc.	Force.					Height.	Form.	Amt.
Lerwick	54	1007.4	0	ES	4	clp	40	75	7	1500	cu	5	1007.3	0	NE	4	bc	40	85	8	1500	cu	6
Stornoway	90	1007.6	0	SE	5	cl	40	75	7	1500	cu	5	1007.5	+3	E	5	C	41	75	7	1500	cu	5
Wick	81	1007.5	+3	ESE	6	bc	43	65	8	1500	cu	6	1007.4	+1	NE	6	bc	41	65	8	1500	cu	5
Tiree	28	1007.5	0	SE	5	cl	40	75	7	1500	cu	5	1007.4	+3	NE	5	C	40	85	8	1500	cu	5
Nairn	89	1007.5	0	SE	5	cl	40	75	7	1500	cu	5	1007.4	0	E	1	bc	35	85	8	1500	cu	5
Aberdeen	37	1007.5	0	SE	5	cl	40	75	7	1500	cu	5	1007.4	+1	E	7	CS	37	85	8	1500	cu	5
Malin Head	61	1007.5	+2	SE	5	bc	35	57	8	4000	cu	1	1007.4	+3	ENE	6	C	41	85	8	4000	cu	5
RAF	38	1007.5	0	SE	5	bc	35	57	8	4000	cu	1	1007.4	+1	ENE	3	C	37	85	8	4000	cu	1
Edinburgh (Inchkeith)	140	1007.5	0	E	2	CS	36	52	8	500	Nb	10	1007.4	-1	ENE	6	C	40	75	8	2500	SE	4
Leuchars	30	1007.5	0	SE	5	cl	40	75	7	1500	cu	5	1007.4	+2	NE	5	C	40	55	8	4000	cu	5
Eskdalemuir	794	1007.5	0	SE	5	cl	40	75	7	1500	cu	5	1007.4	0	NNE	6	C	33	52	6	800	SE	10
Tynemouth	87	1007.5	-1	SW	1	bc	73	52	3	800	SE	4	1007.4	-2	NE	1	C	37	57	7	1500	Nb	8
Blackhead Point	18	1007.5	0	NW	4	OFF	38	52	7	1500	Nb	10	1007.4	+2	ESE	4	bc	38	85	8	1500	cu	4
Donaghadee	40	1007.5	0	NW	4	OFF	38	52	7	1500	Nb	10	1007.4	+1	E	4	bc	40	75	8	4000	SE	7
Birr Castle	178	1007.5	0	NW	4	OFF	38	52	7	1500	Nb	10	1007.4	0	W	1	C	32	52	7	2500	cu	2
Holyhead	26	1007.5	-5	ESE	3	OFF	36	57	6	1500	Nb	10	1007.4	0	NEE	3	C	38	57	7	2500	SE	2
Liverpool (Bidston)	139	1007.5	0	ESE	3	OFF	36	57	6	1500	Nb	10	1007.4	-1	ENE	3	C	34	52	6	2500	Nb	10
Chester (Sealand)	16	1007.5	0	ESE	3	OFF	36	57	6	1500	Nb	10	1007.4	-2	NEE	2	C	35	52	4	1500	SE	10
Harrogate	478	1007.5	0	NW	4	OFF	38	52	7	1500	Nb	10	1007.4	-1	N	1	FO	32	52	1	450	SE	10
Spurn Head	30	1007.5	-2	SE	2	C	35	57	6	4000	cu	6	1007.4	-3	ES	4	C	35	85	7	4000	cu	4
Birmingham (Edgbaston)	535	1007.5	0	SE	2	C	35	57	6	4000	cu	6	1007.4	0	NNW	2	FO	35	57	2	800	SE	10
Cranwell	230	1007.5	-4	SE	2	FO	31	57	2	450	SE	10	1007.4	-4	NE	3	OFF	33	57	2	220	Nb	10
Gorleston	14	1007.5	-3	SW	1	bc	32	57	5	1500	SE	3	1007.4	-3	SE	5	OFF	33	57	6	800	Nb	10
Valentia (Cahirvee)	30	1007.5	-1	NNW	5	LR	40	57	9	1500	Nb	8	1007.4	-2	NNW	5	C	43	75	8	800	cu	10
Roche Point	22	1007.5	0	NNW	3	C	41	52	8	1500	cu	8	1007.4	0	NW	4	C	38	85	8	1500	SE	8
Pembroke (St. Ann's H.)	150	1007.5	-2	NNW	3	C	41	52	8	1500	cu	8	1007.4	-2	NNW	4	C	35	85	8	1500	cu	8
Ross-on-Wye	225	1007.5	0	NNW	3	C	41	52	8	1500	cu	8	1007.4	0	N	1	C	32	57	6	450	SE	2
Leadfield	812	1007.5	0	NNW	3	C	41	52	8	1500	cu	8	1007.4	0	NNW	2	C	32	57	5	4000	SE	5
Winchester (Worthy Dn.)	272	1007.5	0	NNW	3	C	41	52	8	1500	cu	8	1007.4	-3	NNW	3	C	34	57	7	4000	SE	4
S. Farnborough	237	1007.5	0	NNW	3	C	41	52	8	1500	cu	8	1007.4	-4	NW	1	C	36	57	7	1500	Nb	10
London (Kew Obs.)	18	1007.5	0	NNW	3	C	41	52	8	1500	cu	8	1007.4	-4	W	1	C	36	57	5	1500	SE	10
Croydon	244	1007.5	-10	S	4	OFF	35	57	5	800	Nb	10	1007.4	-4	W	1	C	35	57	6	450	SE	10
Shoeburyness	11	1007.5	0	NNW	3	C	41	52	8	1500	cu	8	1007.4	-6	NNW	2	C	34	57	7	800	Nb	5
Cleaton-on-Sea	54	1007.5	0	NNW	3	C	41	52	8	1500	cu	8	1007.4	-8	S	2	C	33	57	7	2500	Nb	8
Pelkistowe	15	1007.5	0	NNW	3	C	41	52	8	1500	cu	8	1007.4	-9	SE	4	OFF	38	57	6	800	Nb	10
Lymington	250	1007.5	-5	SSE	3	OFF	40	85	8	1500	Nb	10	1007.4	-10	W	2	OFF	38	57	7	1500	Nb	10
Seilly (St. Mary's)	133	1007.5	-4	NNW	5	C	42	75	8	4000	cu	5	1007.4	0	NNW	5	C	35	52	7	4000	cu	4
Falmouth (Pendennis)	200	1007.5	-5	NW	5	LR	41	75	8	4000	cu	4	1007.4	-2	NW	2	C/PR	35	85	7	4000	cu	7
Plymouth (Cattewater)	83	1007.5	0	NW	5	LR	41	75	8	4000	cu	4	1007.4	-2	NW	3	bc	36	52	7	4000	cu	4
Portland Bill	32	1007.5	-3	SW	4	OFF	44	65	8	1500	SE	10	1007.4	-2	NNW	4	bc	40	75	8	2500	cu	2
Southampton (Calshot)	10	1007.5	-9	SW	3	OFF	41	52	7	1500	Nb	10	1007.4	-5	NNW	3	C	38	52	7	1500	SE	6
Dungeness	20	1007.5	-9	SW	4	C	41	52	8	1500	cu	8	1007.4	-5	W	1	C	33	57	6	2500	Nb	9
Guernsey (Fort George)	285	1007.5	-8	SW	1	OFF	41	52	7	1500	Nb	10	1007.4	-2	NNW	5	C	41	75	5	1500	cu	8

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 29th December 1928.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Forenoon.	Afternoon.	Min. 5h. to 9h.	Max. 9h. to 17h.	Night 17h. to 5h.	Day 9h. to 17h.	Sunrise to Sunset.								
Berwick-on-Tweed	c	c	28	40	4	-	4.5	Bude	bcprh	bcprh	36	47	5	1	3.2
Douglas (I. o. M.)	bc	bc	37	41	11	0.3	2.8	Penzance	bcprh	bcprh	42	47	3	3	3.7
Llandudno	bc	bc	38	42	2	3	0.7	Paignton	rb	bcprh	38	47	2	0.5	5.3
Colwyn Bay	bc	bc	38	43	3	3	2.1	Torquay	bcprh	bcprh	40	46	1	0.4	5.8
Rhyl	bc	bc	36	44	1	1	2.2	Jersey	bcprh	bcprh	43	49	4	2	2.3
Wallasey	bc	bc	35	44	3	2	2.4	Weymouth	b	b	41	47	2	-	5.2
Southport	bc	bc	36	44	3	2	2.2	Bournemouth	b	b	38	45	4	-	6.6
Blackpool	bc	bc	35	44	3	2	2.4	Venar	rb	bcprh	40	46	1	0.3	3.7
Ilkley	bc	bc	36	44	3	2	2.2	Portsmouth (S. ths)	bc	b	40	46	3	-	5.2
Cleethorpes	bc	bc	36	44	3	2	2.2	Bognor	bc	bc	39	46	3	-	4.8
Skogness	bc	bc	36	44	3	2	2.2	Littlehampton	bc	bc	37	45	4	-	(4.1)
Aberystwyth	bc	bc	36	44	3	2	2.2	Worthing	bc	b	36	44	5	-	4.6
Bath	bc	bc	36	44	3	2	2.2	Brighton	bc	b	39	46	3	-	4.6
Cheltenham	bc	bc	37	44	3	2	2.2	Eastbourne	bc	b	41	48	5	1	3.2
Leamington Spa	bc	bc	37	44	3	2	2.2	Haslemere	bcprh	b	39	47	3	0.2	4.6
Lowestoft	bc	bc	37	44	3	2	2.2	Folkestone	bcprh	cm	38	46	1	1	3.2
Harwich & Dovercourt	bc	bc	37	44	3	2	2.2	Dover	bcprh	bcprh	41	45	1	1	3.0
Malden	bc	bc	37	44	3	2	2.2	Tunbridge Wells	bc	bc	37	45	4	-	5.9
Southend	bc	bc	37	44	3	2	2.2	Ramsgate	bc	b	39	46	0.4	-	4.7
	bc	bc	37	44	3	2	2.2	Margate	bc	bc	39	47	2	Trace	4.6
	bc	bc	37	44	3	2	2.2	Deal	bcprh	b	39	46	3	1	5.0

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received.

† The observations at 1h. G.M.T. and, at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1.

§ See footnote page 1.

|| At stations marked thus the maximum temperature is for the period 21h. to 17h., the minimum for the period 21h. to 17h. ¶ 12h. to 17h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

No. B24511

Monday 31st December.....1928.

Page 1.

Observations at 13h. G.M.T. 30th.....														Observations at 13h. G.M.T. 30th.....													
STATIONS.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 5.	Cloud.				Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 5.	Cloud.						
			Direc.	Force					Height Feet	Form	Amt.	Direc.			Force	Height Feet					Form	Amt.					
																							0-10	0-10	0-10	0-10	0-10
(For heights see p. 4).	mb.																										
Lerwick ...	1009.2	0	E	4	bc	41	65	8	1500	Cu	7	-	7	1010.5	+3	NE	3	bc	41	65	8	1500	CuNb	5	ASr	8	•
Stornoway ...	1007.0	+2	ENE	5	c/bc	39	92	7	4000	CuNb	6	ACu	8	1009.5	+4	ENE	6	bc	42	65	7	4000	Cu	6	ASr	6	5
Wick ...	1006.2	+2	E	6	c	42	55	8	1500	CuNb	6	ACu	8	1009.6	+4	E	6	bc	41	55	8	1500	CuNb	5	-	5	6
Tiree ...	1003.7	+2	ENE	6	bc	41	65	9	4000	Cu	4	-	4	1006.7	+2	NE	5	c	41	92	8	2500	StCu	9	-	9	3
Nairn ...	1003.3	+1	E	6	bc	41	55	8	2500	Cu	5	-	5	1009.2	•	E	1	bc	35	85	8	2500	CuNb	7	-	7	•
Aberdeen ...	1003.3	+1	ENE	6	bc	41	55	8	2500	Cu	5	-	5	1006.4	+4	ENE	6	cs	38	75	8	2500	CuNb	9	-	9	4
Malin Head ...	1002.1	+3	NE/E	6	bc	41	85	9	4000	Cu	7	Cu	7	1005.7	+4	NE	6	bc	42	85	8	4000	Cu	6	-	6	6
Benfrew ...	1000.8	+1	NE	4	bc	36	75	8	4000	Cu	1	Ci	3	1004.5	+4	NE	4	b	35	75	8	4000	Cu	2	-	2	6
Edinburgh (Inchkeith) ...	998.3	+2	ENE	6	bc	40	65	8	1500	St	4	Cu	5	1001.9	+3	ENE	6	bc	37	85	8	2500	St	4	-	4	4
Leuchars ...	1001.3	+1	NE	5	bc	40	65	8	4000	StCu	7	-	7	1004.4	+4	NE	6	bc	37	85	8	2500	CuNb	6	-	6	•
Eskdalemuir ...	997.3	+2	NNE	6	c/s	34	85	7	1500	St	9	-	9	1001.1	+5	NE	6	oss	32	97	5	450	St	10	-	10	•
Tynemouth ...	994.5	+2	ENE	5	c/p	40	85	7	1500	Nb	8	-	8	998.2	+4	ENE	6	bc/h	39	85	7	1500	Cu	3	-	3	6
Blackod Point ...	1001.4	+3	ESE	4	bc/PR	38	92	8	-	CuNb	6	-	6	1004.7	+5	E	4	bc	41	65	8	-	CuNb	3	-	3	5
Donaghadee ...	997.9	+1	ENE	7	c	41	65	8	4000	StCu	8	-	8	1002.0	+5	ENE	7	bc	40	65	8	4000	Cu	6	-	6	7
Birr Castle ...	992.0	•	N	3	mmo	36	97	4	800	St	10	-	10	998.6	•	N	3	c	38	85	6	1500	StCu	6	ASr	10	•
Holyhead ...	994.1	+1	ENE	4	c	40	92	6	2500	CuNb	4	ASr	9	996.7	+3	NE	6	c	43	85	7	2500	StCu	10	-	10	4
Liverpool (Bidston) ...	992.3	0	NNE	3	mc	36	85	5	2500	St	2	ACu	8	994.2	+2	NNE	4	c	38	85	7	4000	StCu	6	ACu	8	•
Quester (Sealand) ...	992.0	0	N	3	mc	36	92	4	1500	St	9	-	9	993.8	+3	NW	4	o	38	85	5	1500	St	10	-	10	•
Marrogate ...	992.0	0	NNE	3	c	35	92	5	-	-	0	ASr	9	995.4	+3	NNE	4	b	36	85	7	-	-	0	CuSt	1	•
Spurn Head ...	987.8	-2	ENE	7	c/r	40	92	7	4000	Nb	8	ASr	10	991.4	+3	NE/E	5	o	41	85	7	2500	Nb	10	-	10	5
Birmingham (Edgbaston) ...	987.8	-2	NNW	4	oss	34	97	3	800	Nb	10	-	10	989.1	+2	NNE	6	oss	34	92	6	1500	Nb	10	-	10	•
Ocranwell ...	988.4	-4	NE/N	3	oss	33	97	4	220	Nb	10	-	10	990.7	+3	NE	6	c/r	36	85	6	1500	Nb	10	-	10	•
Gorleston ...	988.6	-3	E/S	6	orr	39	97	6	800	Nb	10	-	10	987.2	+1	ESE	6	orr	40	97	6	450	Nb	10	-	10	5
Valentia (Cahirveen) ...	997.3	+1	NE/N	3	c	41	85	8	1500	Cu	5	Cu	9	1001.7	+6	E/S	3	c	37	85	8	1500	St	8	-	8	4
Roches Point ...	996.4	+1	NW	3	bc	35	97	8	1500	CuNb	4	-	4	998.5	+2	NW	3	b	38	85	8	1500	CuNb	2	-	2	1
Pembroke (St. Ann's H.) ...	991.4	+2	N/E	3	bc	39	97	7	1500	CuNb	4	Ci	6	992.7	+3	N	2	bc	37	97	8	800	Cu	5	CuSt	7	2
Ross-on-Wye ...	990.3	-1	NW	2	oss	35	92	6	800	St	10	-	10	989.3	-2	NNW	3	oss	33	97	5	450	Nb	10	-	10	•
Leafield ...	988.1	-2	NW	4	oss	33	97	5	2500	St	10	-	10	987.4	-2	NW	4	oss	32	97	5	800	St	10	-	10	•
Winchester (Worthy Ds) ...	988.5	-3	W	4	c	37	85	8	1500	StCu	8	-	8	988.0	-2	W	4	c	35	85	7	1500	StCu	10	-	10	•
S. Farnborough ...	988.2	-2	WNW	4	c	37	92	6	1500	Nb	10	-	10	987.0	-2	W	2	o	35	92	7	1500	Nb	10	-	10	•
London (Kew Obs.) ...	986.6	-4	W	3	cd	38	85	5	1500	Nb	7	ASr	10	986.3	0	W/S	2	od	37	85	6	1500	Nb	10	-	10	•
Croydon ...	988.5	-1	WNW	4	mmo	37	92	4	800	St	10	-	10	986.8	0	W	2	o/m	36	92	5	800	St	10	-	10	•
Sheerburness ...	986.0	-2	WNW	2	o	35	97	7	800	St	10	-	10	986.1	0	WNW	2	o	37	97	7	800	St	10	-	10	•
Glaston-on-Sea ...	985.7	-2	W/S	2	oss	34	97	5	1500	Nb	10	-	10	986.3	+1	W	2	o	35	97	7	2500	St	10	-	10	1
Felixstowe ...	985.7	-2	W/S	2	oss	34	97	5	1500	Nb	10	-	10	986.8	+2	-	0	oss	33	97	5	800	Nb	10	-	10	2
Lymington ...	986.3	-2	W	4	o/r	35	97	4	800	St	10	-	10	986.9	+1	SW	3	c	35	92	6	1500	St	8	-	8	•
Willy (St. Mary's) ...	995.4	-1	WNW	6	bc/b	43	75	8	4000	CuNb	5	Ci	7	994.9	0	NW	5	bc	42	85	8	4000	CuNb	5	-	5	6
Falmouth (Pendennis) ...	992.2	-1	NW	4	c/b	41	85	8	4000	CuNb	3	ASr	8	992.4	+1	WNW	3	bc	38	92	8	4000	CuNb	3	ASr	5	1
Plymouth (Cattewater) ...	991.0	-4	WNW	4	c	42	75	7	4000	CuNb	8	Ci	8	991.5	+1	NNW	4	b	37	85	6	4000	CuNb	1	-	1	0
Portland Bill ...	989.4	-2	W	4	c	41	75	8	1500	St	9	-	9	988.0	+1	NW	4	bc	38	85	6	2500	StCu	4	-	4	4
Southampton (Calshot) ...	989.0	-3	WNW	4	bc	40	85	8	2500	Cu	7	-	7	987.8	-2	WNW	3	b	36	92	7	2500	StCu	2	-	2	0
Bournemouth ...	986.3	-2	NW	3	c/r	38	97	7	1500	StCu	10	-	10	986.4	+1	W	3	bc	36	92	8	2500	Cu	4	-	4	3
Guernsey (Fort George) ...	992.0	-2	WNW	5	c	43	65	9	2500	CuNb	8	-	8	990.6	-3	NW	3	bc	39	85	7	1500	CuNb	4	-	4	4

LONDON OBSERVATIONS.														ATMOSPHERIC POLLUTION.														POLE STAR RECORD at Greenwich Obsy.															
Day 7h-12h, Kew & Croydon.		12h-13h, Kensington.		13h-21h, other stations.		Morning.		Afternoon.		Night.		Max. Day.		Min. Night.		Min. on Grass.		Rain, Fall.		Sun, Shine.		Humidity.		24 Hr. ended 7h G.M.T. 3/5.		South Kensington.		Max. Time.		Min. Time.		Kew Observatory.		Max. Time.		Min. Time.		Polaris.		J. Cassie.		M. Norris.	
Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 Hours.	Wind.	Force.	Weather.	Temp. °F.	Humidity. %	Visibility. 5.	Cloud.	Height Feet.	Form.	Amt.	Height Feet.	Form.	Amt.	Height Feet.	Form.	Amt.	Height Feet.	Form.	Amt.	Height Feet.	Form.	Amt.	Height Feet.	Form.	Amt.	Height Feet.	Form.	Amt.	Height Feet.	Form.	Amt.	Height Feet.	Form.	Amt.	Height Feet.	Form.	Amt.	Height Feet.	Form.	Amt.	
18	1009.2	0	E	4	bc	41	65	8	1500	Cu	7	-	7	1010.5	+3	NE	3	bc	41	65	8	1500	CuNb	5	ASr	8	•	1009.5	+4	ENE	6	bc	42	65	7	4000	Cu	6	ASr	6	5		
244	1007.0	+2	ENE	5	c/bc	39	92	7	4000	CuNb	6	ACu	8	1009.5	+4	ENE	6	bc	42	65	7	4000	Cu	6	ASr	6	5	1009.6	+4	E	6	bc	41	55	8	1500	CuNb	5	-	5	6		
140	1006.2	+2	E	6	c	42	55	8	1500	CuNb	6	ACu	8	1009.6	+4	E	6	bc	41	55	8	1500	CuNb	5	-	5	6	1006.7	+2	NE	5	c	41	92	8	2500	StCu	9	-	9	3		
80	1003.7	+2	ENE	6	bc	41	65	9	4000	Cu	4	-	4	1006.7	+2	NE	5	c	41	92	8	2500	StCu	9	-	9	3	1009.2	•	E	1	bc	35	85	8	2500	CuNb	7	-	7	•		
27	1003.3	+1	E	6	bc	41	55	8	2500	Cu	5	-	5	1009.2	•	E	1	bc	35	85	8	2500	CuNb	7	-	7	•	1006.4	+4	ENE	6	cs	38	75	8	2500	CuNb	9	-	9	4		
168	1002.1	+3	NE/E	6	bc	41	85	9	4000	Cu	7	Cu	7	1005.7	+4	NE	6	bc	42	85	8	4000	Cu	6	-	6	6	1004.5	+4	NE	4	b	35	75	8	4000	Cu	2	-	2	6		
110	1000.8	+1	NE	4	bc	36	75	8	4000	Cu	1	Ci	3	1004.5	+4	NE	4	b	35	75	8	4000	Cu	2	-	2	6	1001.9	+3	ENE	6	bc	37	85	8	2500	St	4	-	4	4		
80	998.3	+2	ENE	6	bc	40	65	8	1500	St	4	Cu	5	1001.9	+3	ENE	6	bc	37	85	8</																						

LONDON OBSERVATIONS.

Day 7h-13h, Kew & Croydon.

13h-15h, Kensington.

15h-21h, other stations.

Heights above sea level in feet.

Kew ... 18

Croydon ... 244

Greenwich (Royal Obs.) ... 149

City (Bomhill Row) ... 80

Westminster (St. James' Pk.) ... 21

Regent's Pk. (Botanic Gdns.) ... 108

Camden Square ... 110

Kensington Palace ... 80

Hamptstead Observatory ... 450

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

31st December 1928.

STATIONS. Sunrise. Noon. Sunset.

Yarmouth 8.7 12.56 15.45

Greenwich 8.8 12.3 15.52

Wick 9.6 12.5 15.28

Valentia 8.52 12.44 15.37

BRADFORD NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud);
 bc sky partly cloudy (one half covered);
 c general cloudy;
 d drizzle, a water, a gloomy;
 f fog, visibility 500-1000 m.
 P thick fog, less than 200 m.
 m mist, 1000-2000 m.
 h hail, intermittent;
 p precipitation within eight of station;
 EQ line squall, lightning;
 o overcast sky, p passing showers;
 u equality, r rain, s snow;
 re least, t thunder;
 u highly threatening sky;
 v unusual visibility, w dew.

z hoar frost, y dry air.
 x dust haze; the turbid atmosphere of dry weather.
 h(r) "hail" or "rain and hail".
 Capital letters indicate intensity; suffix o indicates slight; repetition of letters indicates continuity.
 R = heavy rain, r = slight rain.
 rr = continuous rain.

SYMBOLS.
 < = (less than (for cloud height), before (for precipitation).
 @ = solar halo, @ = lunar halo.
 With present weather is combined, whenever possible, the general character of the weather.
 A "genova" divides actual existing weather from preceding conditions.
 - = has decreased; + = has increased.

The BRADFORD SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.
 0 = no swell } Calm or slight
 1 = mod. swell } sea.
 2 = heavy swell } Moderate
 3 = no swell } sea.
 4 = mod. swell } sea.
 5 = heavy swell } sea.
 6 = rather rough sea.
 7 = rough sea.
 8 = very rough sea.
 9 = mountainous sea.

POLE STAR RECORD at Greenwich Obs.

Exposure from 30th 17.15 m. to 31st 7.30 m.

Stars. Exposure. Record.

Polaris 13.45 - -

J Ussae 13.45 - -

Minnoris 13.45 - -

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

Objects not visible at 65 yards.

0. Dense fog. 220 "

1. Thick fog. 550 "

2. Fog. 1,100 "

3. Moderate fog. 3,100 "

4. Mist or haze. 3,100 "

5. Poor visibility. 3,100 "

6. Moderate. 3,100 "

7. Good. 12,100 "

8. Very good. 31 "

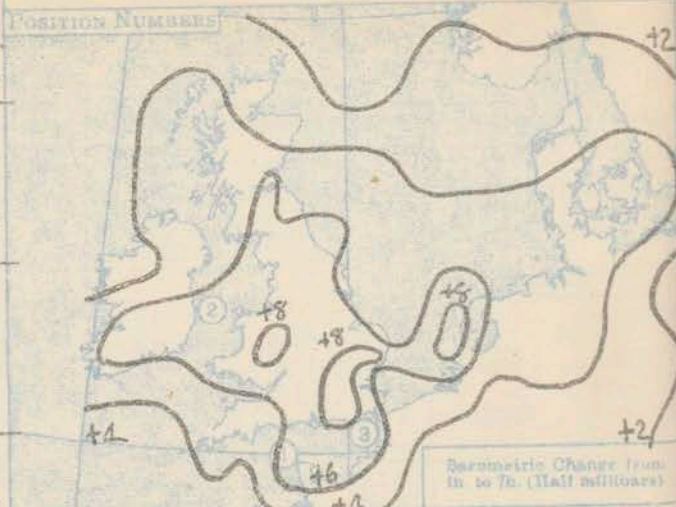
9. Excellent visibility, beyond 31 m.

SUMMARY FOR THE PAST 24 HOURS.

ISALOBARS

31st December.

STATIONS.	WEATHER.				TEMPERATURE.			RAINFALL.				30th. Expos.
	7h-12h.	12h-18h.	18h-24h.	1h-7h.	Max. Day.	Min. Night.	Min. on Grass.	Day 7h-12h.	Night 12h-18h.	18h-7h.		
	30th.	31st.	1st Dec.	31st.	7h-12h.	12h-18h.	18h-7h.	mm.	begin.	mm.	begin.	
Lerwick	bc	bcph.	cphbc	bcc	41	38	*	Tr	17.30	Tr	21.00	0.4
Stornoway	p	cpr, bc	c	c	42	35	*	1	9.00	-	-	1.1
Wick	c	pr, bc	cpr, c	c	43	41	*	0.6	15.30	0.1	21.00	*
Tirone	bc	lrcs	prc	cbcc	42	37	33	Tr	14.30	Tr	21.00	3.9
Hairn	bcprc	cprsh	bchpc	c	37	29	*	1	11.00	0.1	21.00	0.0
Aberdeen	crrbc	cprsh	bc	bcc	41	37	34	0.4	13.00	-	-	1.3
Malin Head	cbrv	bc	bcb	b	42	39	*	-	-	-	-	0.0
Bentfrew	cbr	b	bbrps	bcc	37	32	29	-	-	0.1	21.00	2.2
Edinburgh (Inchkeith)	cbr	bcb	bbrps	bcc	41	35	32	-	-	0.1	22.00	0.1
Leuchars	bcciPh	bcciPh	bcciPh	c	40	34	31	2	9.00	0.1	21.00	2.4
Baldernair	cm, cl	bcb, cm	bcciPh	bcm	34	29	24	4	18.00	1	21.00	0.7
Tynemouth	cq, rh	cq, rh	bcciPh	bcih	41	35	32	4	18.00	2	21.00	*
Blackod Point	bcbcg	bcb	bcc	c	42	38	*	0.2	-	-	-	*
Donaghadee	bcbprc	cbr	bc	bcb	41	38	*	0.5	11.00	-	-	*
Birr Castle	come	bcm, g	cbcx	bex	38	32	25	Tr	9.00	-	-	0.0
Holyhead	cprh	cu	cbeeg	cbe	43	40	38	0.4	11.00	-	-	0.0
Liverpool (Bidston)	ms, cm	cm	c	c	38	35	32	0.4	9.00	-	-	0.0
Chester (Sealand)	ossmc	rr, fm	om	cm	38	37	33	4	9.00	-	-	0.0
Harrogate	ofac	crcb	bcciPh	bcciPh	37	32	32	0.1	16.30	4	22.00	0.0
Spurn Head	comg	crrg, ph	cprg	cprg	42	37	*	5	9.00	2	22.00	0.0
Birmingham (Edgbaston)	oss, ss	oss	oss	oc	34.5	33	32	9	9.00	0.4	21.00	0.0
Cranwell	ossf	oss, ss	oss	cir	36	35	33	18	18.00	0.5	2.30	0.0
Gorleston	ossf	ossf	ossf	cir	41	38	37	17	18.00	7	21.00	0.0
Valentin (Oshirovren)	PR, rh	cbcc	c	cp	43	35	33	2	18.00	0.1	24.00	1.2
Roche Point	cprsc	bcb	bx	bex	39	35	*	1	9.00	-	-	*
Pembroke (St. Ann's H.)	cprbc	cbccp	cirm	cbccp	42	36	*	2	18.00	Tr	21.00	2.9
Ross-on-Wye	cbcc	rs, ss	oss	oco	36	33	32	2	12.30	5	21.00	0.4
Leafield	cors	oss, ss	oss, ss	orscs	34	32	32	3	11.00	5	21.00	0.0
Winchester (Worthy Dn)	c	c	cd, oss	oc	39	32	31	-	-	4	21.00	2.1
B. Farnborough	co	od, ss	or, ss	orro	37	33	32	0.1	14.30	5	21.00	0.0
London (Kew Obs.)	cm, do	cm, od, ss	orss	orsscs	38	33	32	Tr	12.30	6	21.00	0.0
Orebydon	om	omr	oss, ss	oss, ss	37	33	32	0.1	13.30	4	24.00	0.0
Shoeburyness	oda	o	ors, ss	ors, ss	37	32	31	Tr	18.00	3	1.30	0.0
Glaston-on-Sea	cor?	orsog	ogps	opsc	39	33	32	1	11.00	5	21.00	0.0
Felixstowe	orss, ss	oss, ss	oss, ss	crr	40	33	32	5	18.00	11	21.00	0.0
Lymington	Prs, ss	om, cm	cm	cir, do	38	31	29	2	18.00	0.1	1.30	0.0
Seilly (St. Mary's)	bcP	bcP	bcciPh	cPbc	45	39	*	4	18.00	2	21.00	2.4
Falmouth (Pendennis)	cPR, rh	cbcp	bcciPh	c, bcc	44	32	*	3	18.00	2	21.00	0.4
Plymouth (Cattewater)	bcciPh	crrg	crrg	cbq	44	36	32	0.3	18.00	1	21.00	2.2
Portland Bill	c	cir, ss	cos	cir, ss	41	35	*	2	15.30	Tr	22.00	*
Bournemouth (Calshot)	cbcc	bcb	crr, ss	crr, ss	40	34	33	-	-	1	24.00	4.9
Dungeness	orr	cbcc	bcciPh	crr, ss	40	-	-	3	18.00	0.5	4.30	*
Guernsey	crrg	cbcp	bcciPh	bcciPh	43	38	*	2	9.00	5	21.00	1.3



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind.		Weather.	Temp.		Visibility.
			Dir.	Force.		Air.	Sea.	
2. 51° 24'	24	Brighton	MMW	4	bc	42	49	8

GENERAL INFERENCE.

An anticyclone is extending southwards over Scotland while a depression over Northern France is filling up. Weather will be fair in Scotland and Ireland but wintry showers with more cloudy conditions will occur elsewhere. Temperature will continue low with sharp frost in most places at night.

Forecasts for the 24 hours commencing 12 Noon G.M.T. Monday, 31st December, 1928.

Further Outlook.

Districts.	Forecast for the 24 hours commencing 12 Noon G.M.T. Monday, 31st December, 1928.
1. S.E. England	Fresh to strong east to northeast winds; cloudy, showers of rain or sleet; cold, frost inland at night.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Fresh north to northeast winds; cloudy, local showers of rain, sleet or snow; cold, sharp frost inland at night.
6. South Wales	
7. North Wales	
8. N.W. England	Fresh northeasterly winds; mainly cloudy, local showers of rain or sleet, fair intervals; cold, sharp frost inland at night.
9. N. Midlands	
10. N.E. England	As 1 - 3.
11. S.E. Scotland	
12. S.W. Scotland & Isle of Man	Moderate east to northeast wind, decreasing; fair; cold, sharp frost inland at night.
13. W. Scotland	
14. N.W. Scotland	
15. N.E. Scotland	
16. Orkneys and Shetlands	Light variable winds; fine to fair; cold, sharp frost inland at night.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	Moderate to fresh north to northeast wind; fair; rather cold with sharp frost inland at night.

Little change in Scotland; rather unsettled elsewhere.

Meteorological Office: Air Ministry, Kingway, London, W.C.2.

Forecasts issued at 0930 G.M.T.

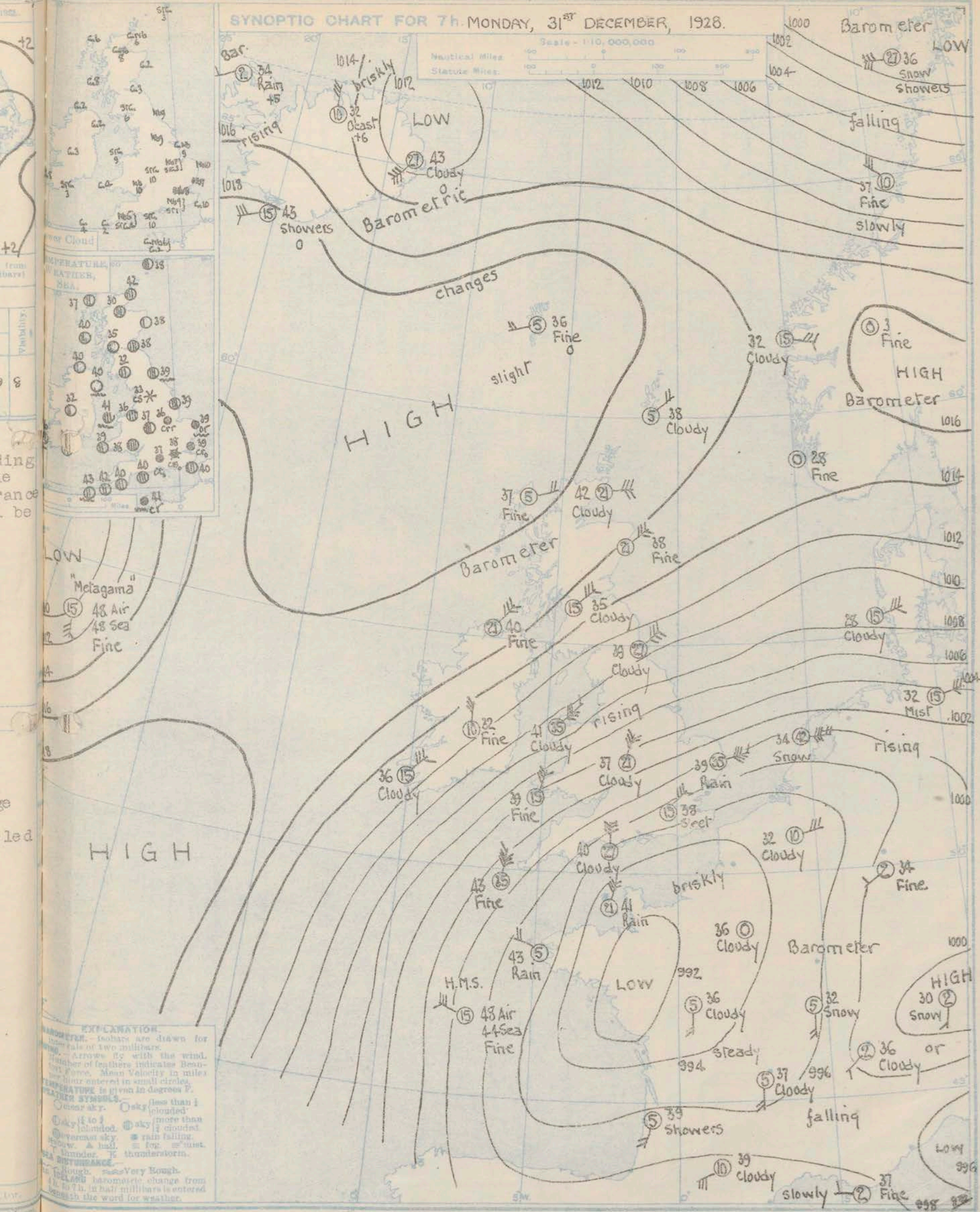
G. C. SIMPSON, F.R.S., Director.

† Trace = rain has fallen, but amount less than 0.1 mm.

SYNOPTIC CHART FOR 7th MONDAY, 31ST DECEMBER, 1928.

Scale - 1:10,000,000

Nautical Miles
Statute Miles.



EXPLANATION.
 Isotherms are drawn for intervals of two millibars.
 Arrows fly with the wind.
 Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circles.
 TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.
 Clear sky. ☉ sky less than 1 clouded. ☁ sky more than 1 clouded.
 ☁ sky 1 to 3 clouded. ☁ sky 4 to 6 clouded.
 ☁ overcast sky. ☁ rain falling. ☁ snow. ☁ hail. ☁ fog. ☁ mist. ☁ thunder. ☁ thunderstorm.
SEA DISTURBANCE.
 Rough. Very Rough. H.M.S. 48 Air 44 Sea Fine.
 The barometric change from 4 h. to 7 h. in half millibars is entered beneath the word for weather.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Page 4.

BRITISH SECTION.....Monday 31st December.....1928.

No. 366...

STATIONS	Height above sea level, in feet.	Observations at 1h. G.M.T. 31st										Observations at 7h. G.M.T. 31st										Sec.						
		Barom. at M.S.L. mb.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility 1/4 mi.	Cloud.			Barom. at M.S.L. mb.	Change in 3 Hours	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility 1/4 mi.	Cloud.							
				Dir.	Force					Height Feet	Form	Amt. 0-10			Dir.	Force					Height Feet		Form	Amt. 0-10				
																									0-12	0-12	0-12	0-12
Berwick	54	1015.6	+2	NE	3	bcjp	40	85	8	1500	CuNb	6	-	6	1017.3	+2	NE	2	c	38	85	8	1500	StCu	3	A-St	9	1
Stornoway	30	1015.0	+3	E	2	c	42	85	7	1500	CuNb	6	C-St	8	1018.9	+5	ENE	2	bc	37	85	7	4000	Cu	6	-	6	1
Wick	81	1013.4	+3	E	6	c	42	55	8	1500	CuNb	6	-	8	1017.1	+3	E	5	c	42	55	8	1500	CuNb	6	C-St	8	1
Tiree	22	.	.	.	.	.	.	.	.	.	.	.	.	.	1017.1	+5	NE	3	c	40	75	9	4000	Cu	8	-	8	1
Nairn	82	.	.	.	.	.	.	.	.	.	.	.	.	.	1016.8	.	-	0	c	30	85	8	2500	CuNb	8	-	8	1
Aberdeen	37	.	.	.	.	.	.	.	.	.	.	.	.	.	1016.0	+4	NE	5	b	38	55	8	2500	Cu	2	-	2	4
Malin Head	51	1011.5	+4	NNE	6	b	41	75	8	5700	Cu	2	-	2	1016.2	+5	NE	5	b	40	75	8	5700	Cu	2	-	2	4
Renfrew	38	.	.	.	.	.	.	.	.	.	.	.	.	.	1015.0	+5	NE	4	c	35	65	8	2500	StCu	9	-	9	1
Edinburgh (Inchkeith)	190	1006.9	+4	ENE	6	bcjp	38	65	8	2500	CuNb	5	-	5	1012.3	+5	ENE	6	c	38	65	8	4000	Cu	3	A-St	9	4
Leuchars	30	.	.	.	.	.	.	.	.	.	.	.	.	.	1014.6	+6	NNE	3	c	35	75	8	2500	StCu	8	-	8	1
Esksdalemuir	704	.	.	.	.	.	.	.	.	.	.	.	.	.	1012.3	+7	NNE	6	bc	32	65	6	4000	StCu	6	-	6	1
Tynemouth	67	1024.7	+4	ENE	6	bc/h	40	75	7	800	Cu	6	-	6	1010.0	+5	NE	6	cjp	39	75	7	1500	Nb	9	-	9	6
Blackod Point	18	1010.6	+4	E	5	bc	41	65	8	.	StCu	6	-	6	1017.2	+4	E	5	bc	40	65	8	.	Cu	7	-	7	5
Donaghadee	40	.	.	.	.	.	.	.	.	.	.	.	.	.	1013.6	+5	ENE	6	b	40	65	8	4000	Cu	2	-	2	6
Birr Castle	173	.	.	.	.	.	.	.	.	.	.	.	.	.	1012.1	.	N	3	bc	32	85	7	4000	Cu	2	-	3	1
Holyhead	26	1002.1	+5	NE	7	c	42	92	7	2500	Cu	9	-	9	1008.3	+6	NE	7	c+	41	75	8	2500	StCu	9	-	9	6
Liverpool (Bidston)	152	.	.	.	.	.	.	.	.	.	.	.	.	.	1006.8	+6	NE	4	c	36	75	7	4000	StCu	9	-	9	1
Chester (Sealand)	16	.	.	.	.	.	.	.	.	.	.	.	.	.	1005.9	+8	NNE	4	c-	38	75	6	1500	StCu	9	-	9	1
Harrogate	478	.	.	.	.	.	.	.	.	.	.	.	.	.	1008.1	+6	NE	3	cs	33	97	5	2500	Nb	9	-	9	1
Spurn Head	39	996.2	+2	NE	6	c	41	85	7	4000	CuNb	8	-	8	1001.9	+4	NE	7	c	39	85	7	4000	CuNb	9	-	9	5
Birmingham (Edgbaston)	585	.	.	.	.	.	.	.	.	.	.	.	.	.	1002.8	+6	NNE	5	c	37	95	6	2500	StCu	10	-	10	1
Cranwell	235	996.1	+4	NE	5	c	37	92	6	2500	StCu	9	-	9	1002.9	+7	NE	5	crr	36	97	7	800	Nb	10	-	10	1
Gorleston	14	991.5	+4	E	7	or	40	97	6	800	Nb	10	-	10	999.6	+5	ENE	7	or	39	92	6	800	Nb	10	-	10	6
Valentia (Cahirciveen)	50	1008.4	+3	NE	3	bc	33	92	9	.	CuNb	7	-	7	1012.2	+6	NE	4	c	36	75	8	2500	Cu	8	-	8	6
Roche's Point	23	.	.	.	.	.	.	.	.	.	.	.	.	.	1008.8	+4	N	4	bc	36	85	8	2500	StCu	3	-	3	1
Pembroke (St. Ann's H.)	150	997.7	+4	NNE	4	c-	40	85	7	1500	StCu	2	A-St	8	1002.7	+6	NNE	4	bc-	39	92	8	1500	Cu	4	C-St	5	2
Ross-on-Wye	223	.	.	.	.	.	.	.	.	.	.	.	.	.	1001.5	+6	NE	5	c	38	75	6	1500	Nb	10	-	10	1
Leafield	612	.	.	.	.	.	.	.	.	.	.	.	.	.	999.1	+7	NE	5	crrs	33	97	5	800	St	10	-	10	1
Winchester (Worthy Dn.)	272	.	.	.	.	.	.	.	.	.	.	.	.	.	996.3	+6	N'E	4	c	39	85	8	800	St	10	-	10	1
S. Farnborough	237	.	.	.	.	.	.	.	.	.	.	.	.	.	996.4	+9	NE	4	or	37	92	6	1500	Nb	10	-	10	1
London (Kew Obs.)	18	.	.	.	.	.	37	.	.	.	.	.	.	.	996.8	+8	NE	4	crrs	38	85	7	1500	Nb	8	A-St	10	1
Croydon	244	993.1	+2	NNE	2	oss	33	97	3	220	Nb	10	-	10	996.3	+1	NE	3	mm	36	92	4	450	St	10	-	10	1
Sandhurst	11	.	.	.	.	.	.	.	.	.	.	.	.	.	995.9	+6	NE	3	cd.	37	97	7	800	StCu	10	-	10	1
Chaston-on-Sea	54	.	.	.	.	.	.	.	.	.	.	.	.	.	995.5	+5	NE	2	c	36	92	7	2500	Nb	8	-	8	2
Felixstowe	15	.	.	.	.	.	.	.	.	.	.	.	.	.	996.6	+8	NNE	5	cc	39	85	6	1500	Nb	7	A-St	10	4
Gympne	200	988.8	+2	N	3	c+	32	97	7	2500	StCu	10	-	10	994.7	+6	N'E	3	cd.	34	97	6	1500	Nb	10	-	10	1
Seilly (St. Mary's)	102	998.2	+2	N	6	cR	42	85	7	4000	CuNb	10	-	10	1001.6	+3	N'E	7	bc	43	85	8	4000	Cu	4	-	4	1
Falmouth (Pendennis)	200	995.0	+2	N'W	5	cc	39	97	7	2500	Nb	6	A-St	10	999.6	+5	NE	5	bc	42	85	8	4000	Cu	2	C	5	1
Plymouth (Cattewater)	89	.	.	.	.	.	.	.	.	.	.	.	.	.	998.7	+4	N	5	c+	40	75	7	2500	Nb	9	-	9	1
Portland Bill	32	998.3	+4	N	4	or	37	92	8	1500	Nb	10	-	10	993.9	+6	N	6	c	40	75	8	2500	StCu	10	-	10	4
Southampton (Calshot)	10	998.3	+3	N'E	3	crrs	35	92	7	1500	Nb	10	-	10	995.8	+7	NE	4	c	38	85	7	1500	St	8	-	8	0
Bungness	20	989.5	+2	N	1	c+	35	97	7	2500	StCu	10	-	10	994.1	+7	E	4	c/w	40	85	8	2500	Cu	10	-	10	4
Guernsey (Fort George)	207	992.7	-2	NW	3	c	39	85	6	2500	StCu	8	-	8	993.0	+6	NNE	5	cc	41	75	6	1500	CuNb	8	-	8	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 30th December

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUN- SHINE.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Fore- noon.	After- noon.	Min. 9h-2h. to 5h-2h.	Max. 2h-5h. 3h-5h.	Night 12h-2h. 2h-5h.	Day 2h-5h. 5h-9h.	Sunrise to Sunset. 2h-5h.								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Bude	rrac	cbe	36	46	3	2	0.7
								Penzance	cchr	cfr	37	43	10	3	0.0
Berwick-on-Tweed	c	c	32	41	5	-	0.0	Paignton	Rpspr	orsh	34	40	4	0.5	2.4
								Torquay	ccrsphcb	b	34	41	3	0.3	2.7
Douglas (I. o. M.) ...	acq	psq	34	39	10	1	0.1	Jersey	qr	brng	37	45	11	7	1.0
Islandudun	crr	cy	34	41	6	1	0.0	Weymouth	boc	cbpr	34	41	5	2	3.0
Gatwyn Bay	cc	cc	33	41	7	1	0.0	Bournemouth ...	b	bcc	32	40	5	-	3.8
Rhyl	cc	cc	34	42	3	2	0.0	Venice							
Wallasay	obrs	c	33	39	4	0.3	0.0	Farmington (St. Ives)	ccb	bcb	36	40	11	-	4.5
Southport	cc	cc	33	38	5	0.1	0.0	Bognor	cc	bcb	38	39	20	-	2.1
Blackpool	obhs	cc	34	38	5	-	0.0	Littlehampton ...	cbe	cc	34	39	21	-	(1.1)
Ilkley	b	o	31	38	1	-	0.0	Worthing	cbe	c	34	38	16	-	0.7
Cleethorpes	orsh	orsh	30	41	5	1	0.0	Brighton	ccbc	cc	35	39	22	-	0.2
Skewness	orfr	ro	34	41	7	10	0.0	Eastbourne	cc	cc	36	46	3	1	0.0
Aberystwyth	prsb	brc	33	42	5	0.5	2.8	Hastings	cc	cc	35	45	4	1	0.0
Bath	cbe	brc	33	37	0.5	0.3	1.9	Folkestone	cc	cc	34	38	13	1	0.0
Cheltenham	omare	rsos	34	38	1	2	0.0	Dover	cc	cc	36	38	15	2	0.0
Leamington Spa ...								Tunbridge Wells ...	cc	cc	33	36	19	Trace	0.0
Lowestoft	cfr	cfr	32	41	12	8	0.0	Ramsgate	cc	cc	34	39	13	5	0.0
Harwich & Dovercourt	cc	cc	33	39	20	2	0.0	Margate	cc	cc	35	37	19	3	0.0
Malden	cc	cc	30	36	13	Trace	0.0	Deal	cc	cc	34	38	17	3	0.0
Southsea	cc	cc	35	37	17	-	0.0								

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received.

† The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. § See footnote page 1.

At stations marked thus the maximum temperature is for the period 2h.-17h., the minimum for the period 1h.-5h. † 12h.-3



DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

CORRECTIONS AND ADDITIONS, December 1928

Page 1.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.
1 st	Leewards	13h Wind W.M.W. 1	7 th	Leochars	Sun 1-7hrs. leaflet Max 48°	14 th	S. Jarnboro	Weather 18-1h or c b m.
	Birt Castle	" " N. 1.		Chester	Weather 7-13h 7 r ky			Rain began 22.00
	Balmouth	" Bar 1028.2 mb		Clacton-on-Sea	Night rain 1mm.		Plymouth	Weather 13-18h c b m.
	Cranwell	18h Weather 5 b		Plymouth	Weather 13-18h c b m. 90%	15 th	Balmouth	Rain began 13.30
	Dunoon	1h Bar 1025.6 mb.		Greenwich	Pole Star Polar's Exposure 12.45		Birt Castle	13h Bar 1010.2 mb
	Leochars	Th " 1023.7			Record 12h 24m. 90%		Winchester	18h Temp 28°
	Shetness	Weather abc bcd Rain (day)		Holyhead	1h Wind force 6.		Shoeburyness	" Weather 13 b
	Edinburgh	" 13-18h bc		Spurn Hd	Th Bar 1014.5 Birmingham W.W.		Liverpool	Th Bar 1023.8 mb
	Blackhead Pt	Min 48°		Wick	Max 35° Aberdeen Day rain Tr.		Berwick-on-Tweed	Max 45°
2 nd	Winchester	Grass Min 48°		Birmingham	Weather 7-13h b b c		Ventnor	Weather forenoon ouho
	Wick	13h Cloud St 6 AST 8		Leafield	" 13-1h b b c p b			Day rain trace
	Delinstowe	" Weather c		S. Jarnboro	" 7-13h b x b		Margate	Sun 2.5 hrs
	Dunoon	" cd Temp 51°		Wick	13h Weather c p h Cloud total 80%		Donaghadee	Weather 18-1h c b c x c
	Wick	13h Temp 47° Max 49°		Kew	Sun 6.3 hrs. Pollution 0.9168 100.5%		Holyhead	" 7-13h b Day rain Nil
	Nairn	" Hum 85°		Camden Square	xc bc bcb 37.27 " " 92%		Chester	Sun 1.4 hrs
	Birmingham	" Weather c. St 9		S. Kensington	Pollution 2.0 9h 8 " 103.6h 92%		Marrogate	Weather 7-13h c b c h
	Greenwich	Pole Star 17.8 to 6.45		Balmouth	1h Hum 85% Vis 7.	16 th	S. Jarnboro	" 13-18h of x b c r f
		Exposure 13h 45m Record 1h 42m 12		Wick	Th Wind SW.		Edinburgh	18h Bar 1024.1
		" 1h 37m 12		Birmingham	" Cloud height 4000		Holyhead	" Wind SSE
	Malin Head	1h Vis 8		Portland Bill	" Bar change -1		Liverpool	" Wind force 3 Temp 31°
	Balmouth	Th Cloud St 3 AG 6		Eschdalemuir	Weather 7-13h b c b		Balmouth	" Temp 44°
	Leewards	Th Temp 43°		Blackhead Pt	" 13-18h b c v		Westminster	Max (30) Min 26°
	Winchester	Weather 7-13h c grass Min 42		Holyhead	13h Bar 1012.3 mb.		S. Kensington	Pollution 2.0 1h 16° 03 Th 16
	S. Jarnboro	Sun 0.1 hrs		Liverpool	" Hum 85%		Greenwich	Pole Star 17.0 to 7.0m.
	Scilly	Max 52°		hymne	18h Temp 32°			Exposure 14h 0m Record Max 14
3 rd	Wick	13h Cloud St 8 AST 10		Leafield	Sun 4.8 hrs			" 14h 0m
	Tynemouth	" Weather f f b c Max 43		Kew	Th Bar change -5.		S. Jarnboro	Th Wind force 2
	Liverpool	" Wind SW		Edinburgh	" Bar 98.9 mb.		Clacton-on-Sea	" Cloud height 4000
	Birmingham	" WSW		Pembroke	" Temp 47°		Kew	Weather cm of h
	Leochars	18h Hum 85% Vis 6 Day rain		Falmouth	Day rain 0.2 mm	17 th	Plymouth	Day rain trace
	Scilly	" Temp 50° Weather 18-1h bc		Nairn	Weather 18-1h c p r 1-7h q c b c x		Holyhead	13h Bar 1007.0 Cloud Nb 10
	Malin Hd	Th Bar change +1		Winchester	" Night rain Tr 22.00		Grahamwell	" Weather c St 9 AST 10
	Spurn Hd	" Cloud Nb 10		Shoeburyness	Max 40° Dunoon Max 41°		Portland Bill	" Bar change -4.
	Winchester	" Weather m m b c m m b c m m b c		Plymouth	Weather 7-13h b m c		Aberdeen	18h Hum 92%
	Guernsey	Sun 0.6 hrs.		Pembroke	13h Bar 98.4 mb		Hampstead	Min 36 Grass Min 27°
	Valentia	Weather 18-1h op. adm		S. Jarnboro	" Temp 37°		Leewards	Th Bar 1008.7
	Scilly	Rain began 0.30.		Donaghadee	18h Cloud height 4000		Wick	" Weather b c p f
	Calshot	Min 40°		Birmingham	" Wind SE		S. Jarnboro	" Wind force 2
4 th	Tynemouth	13h Bar 1028.3 mb.		Bath	Min 22°		Nairn	Min 36°
	Falmouth	" Cloud c Nb 6 AST 8		Gorleston	Max 39° Rain began 48.00		Eschdalemuir	" 35° Day rain 31mm.
	Plymouth	" Bar 1029.0 +1.		Rothes Pt	Weather 13-18h b v b b b		Liverpool	" 43°
	Gorleston	18h Cloud Nb 4 AST 9		Renfrew	13h Bar 99.4 mb.		Rothes Pt	Weather 7-13h or c
	Edinburgh	1h " St 2 AG 4.		Birt Castle	" Temp 39°	18 th	S. Jarnboro	" 18-1h or b m. T. r. m.
	Marrogate	Th Hum 85%		Winchester	" 38°		Leewards	13h Bar 1014.8 Wind S
	Calshot	" Weather m b c		Balmouth	" 48° Max 48°		S. Jarnboro	18h Vis 6
	Bournemouth	Min 33°		Wick	18h Weather c		hymne	1h Wind NW N 3.
	Wick	Day rain 0.4 mm.		Leochars	" Delete Sea 4.		Clacton-on-Sea	" Temp 35°
	Pembroke	Max 54°		Blackhead Pt	Weather 7-13h c 13-18h c p		Eschdalemuir	Th Bar 1031.5 mb
5 th	Winchester	Grass Min 27°		Winchester	Max 38° Day rain 1mm.		hymne	" Bar change +1
	Wick	13h Cloud St 8 AST 10. 18h 13h 13h		Clacton-on-Sea	Weather 7-13h c p Day rain Nil	19 th	Dover	Min 40°
	Edinburgh	18h " ST AG 9		Wick	13h Weather c p r		Plymouth	Weather 13-18h b c b m
	Blackhead Pt	" Wind SE 6.		Holyhead	" Bar 1004.3 mb.		Marrogate	13h Bar 1031.7 mb
	Cranwell	" Weather m b.		Pembroke	" Wind force 3		Portland Bill	" Wind E.
	Scilly	" Bar 1030.2 mb		Balmouth	" Vis 6		Tynemouth	18h Temp 39°
	Rhyl	Min 32°		Plymouth	" Temp 42°		Gorleston	1h Cloud AST 10
	Wick	Max 48°		Southampton	" Wind NE N.		Ross-on-Wye	Th Temp 41°
	Leochars	Weather 7-13h c x c c		Kew	9h Vis 4.		Colwyn Bay	Min 36°
	Cranwell	" 18-1h b m. c Night rain -		Birt Castle	Grass Min 29°		Southend	Max 38°
	Gorleston	Min 38°		Holyhead	Weather 18-1h c b m.		Blackhead Pt	Weather 1-7h b c r rain 0.6
	Guernsey	" 48°		Valentia	" 13-18h b c c 18-1h c		Chester	Rain began 1.30
6 th	Eschdalemuir	18h Hum 75%		Leafield	" 13-18h or s. T. s.		Gorleston	Weather 7-13h c b c b
	Kew	Grass Min 27°		Clacton-on-Sea	Night rain 1mm.	20 th	Delinstowe	Min 34°
	Leafield	Th Wind SW.		Plymouth	Weather 13-18h b m. o Max 42°		Holyhead	13h Cloud St 6 AST 9
	Rhyl	Max 50° Paignton Max 56		Calshot	Weather 1-7h c.		Spurn Hd	" Wind S W 4 Weather m m o
	Stornoway	Sun 2.3 hrs		Dunoon	Min 42°		Aberdeen	18h Weather imc
	Leochars	Weather 18-1h b Rain began bc		Leochars	Weather 18-1h c p r		Malin Head	" Cloud c Nb 1 AST 9
	Winchester	" 13-18h c p b		Delinstowe	13h Cloud St 8		Spurn	" Cloud height 1150
7 th	Portland Bill	Min 45° Guernsey Min 49		Guernsey	" 800 Nb 10		Clacton-on-Sea	" Temp 41°
	Aberdeen	13h Wind force 4.		Malin Hd	18h Hum 92 Vis 7.		Ross-on-Wye	Th Bar 1018.9 mb
	Delinstowe	" Weather o Cloud St 10		Liverpool	" Weather m m o		Three	Weather 7-13h r d. Day rain 11
	Portland Bill	" Hum 85%		Gorleston	" Sea 4.		Spurn Hd	Rain began 22.00
	Leafield	18h Vis 8		Clacton-on-Sea	" Wind force 4.		Leafield	Weather 7-13h f f o i d f
	Three	Th Bar 1010.5 mb		Delinstowe	" Weather o.	21 st	Kew	Day rain 0.3 Clacton Max 43
	Liverpool	" Temp 41°		Dunoon	" c r s		Delinstowe	13h Hum 92%
	Delinstowe	" Temp 45°		Greenwich	Pole Star 17h 0m to 6h 45m		hymne	1h Bar change +2
	Berwick-on-Tweed	Day rain 0.4 mm.			Exposure 13.45 Record 31%		Balmouth	Th Temp 44°
	Leewards	Weather o b c c w b c c			" 13.45 3.27 26%		Paignton	Max 50°
	Leewards	Min 31° Stornoway Day rain 8		Leewards	1h Bar 1021.6 mb	22 nd	Plymouth	Weather 13-18h b-c p p r
	Malin Head	Night rain 1mm.		Scilly	Th Wind force 7.		Wick	13h Wind force 2
	Renfrew	Weather 18-1h c p h p r		Wick	Max 42°		Nairn	" Cloud height 1500
				Leochars	Weather 1-7h c p r b b c		Liverpool	" Bar 1024.7 f f c St 8

† The barometric change is expressed in half millibars.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.

CORRECTIONS AND ADDITIONS, December 1928.

Page 2.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.	Report for	STATION.	CORRECTION.
22 nd	Clacton-on-Sea	18h Wind NW.	25 th	Ross-on-Wye	Max 51 S. Farnboro' Min 36 3/4 Min 11	29 th	S. Farnboro'	Weather 18-1h or r bcp
	Valentia	7h Cloud height 220		Lymington	Sun 0.2 Portland Bill 18-1h or r bcp	30 th	Heafield	Max 37
	Scilly	" Bar 1024.9 mb	26 th	Heathcote	13h Ground 1		Stornoway	13h Bar 996.1 mb
	Wick	Min 45° Heafield Max 42°		Liverpool	18h Cloud 62.2 Gust 9		Donaghadee	" Weather ct
	Winchester	Weather 18-1h cbc Ffx		Roches Pt	" Temp 53° Croydon 58.5 Ffx		Lymington	" Cloud 50.3 AG 4
	Kew	" cfx 1.7h cfx		Scilly	" Bar 1017.0 mb		Falmouth	" Cloud total 110
	Calshot	" 13-18h bmo. cxb		Greenwich	Morning Weather cfo		S. Farnboro'	18h Hum 92%
23 rd	Birt Castle	18h Hum 75%		City	Sun 0.8 Stampstead Sun 1.5		City	Sun 3.1 hrs
	City	Sun 0.0 Westminster Sun 0.0		Westminster	55.40.28. Imm 0.4 58% 88%		Westminster	47.31.29. 2 4/4 73% 75%
	Regents Ph	" 0.0		S. Kensington	Pollution 1.3 10h 25% 40.3 15h 26%		Camden Syre	cbbc cb 40.36. - 2 96%
	Camden Syre	cfx cod 45.39. 0.3 2. 94%		Greenwich	Pole Star 17h to 7h		Stampstead	Sun 5.2 hrs
	S. Kensington	Pollution 2.6 9h 22% 0.3 3h 23%			Record 0.25m 3% oh 10m 1%		Greenwich	Pole Star 17h 15m to 7h. om
	Greenwich	Pole Star Exposure 17h to 7h		Colwyn Bay	cbbc cpcoc 41.48. 5.0 3 0.7			Record 4h 40m 34% 4h 18m 31%
		Record 1.30. 11% 1h. 13m 9%		Skidness	ob bbc 39 41 2 - 1.2		Malin Hd	1h Wind force 3.
	Wick	1h Temp 39°		Harwich	rbcm bcm 38 43 7 - 2.8		Holyhead	Weather 18-1h rs ss.
	Malin Head	Th Cloud height 5700'		Renfrew	Weather 18-1h or r bcp		Birmingham	" 7-13h pr bcp
	Gorleston	Night rain 2mm 21.00.		Heathcote	" 1-7h cRy b bc		Cranwell	grass Min 22 Rain (night)
	Clacton-on-Sea	" 1mm.		Lymington	Night rain 41°			3mm Rain began 3.30
	S. Farnboro'	Weather 7-13h cpo		S. Farnboro'	Max 47°		Lymington	Sun 3.9 hrs
	Plymouth	grass Min 31° cpo	27 th	Southampton	18h Weather bc	31 st	Scilly	13h Bar 995.4 mb
24 th	Stornoway	18h Wind S		Wick	" Cloud total 8/10		Westminster	40.35.31. 7 0.0 66% 77%
	Renfrew	" Cloud height 4000'		Renfrew	" Bar 1013.7 mb		Regents Ph	Sun 0.0 hrs
	Heafield	" Weather mbc		Liverpool	" Wind NW.		Dunneen	1h Bar 989.5 mb
	City	Sun 0.0 Westminster Sun 0.0		Roches Pt	" Temp 47° Hum 75%		Liverpool	7h Weather c-
	Stampstead	" 4.7 hrs		Pembroke	" Wind force 3		Torquay	crspoc b 34.41 3 0.3 2.7
	S. Kensington	Pollution 2.6 16h 23% 40.3 3h 24%		S. Farnboro'	" Wind force 3		Renfrew	Weather 7-13h cbc
	Ross-on-Wye	Th Temp 49°		S. Kensington	Pollution 10.2 7h 26% 40.1 5h 27%		Birmingham	Max 35°
	Eskdalemuir	Rain began 15.30		Wick	7h Wind force 3		S. Farnboro'	Weather 18-1h or r ss
	Holyhead	Night rain 3mm.		Edinburgh	" WSW.		Plymouth	" " bmo. cxb
	Spurn Hd	Min 36°		Chester	" Weather bc 0 Temp 40°			
	Cranwell	Sun 3.5 hrs		Roches Pt	" Bar 1020.8 mb.			
	Roches Pt	Weather 1-7h odd	28 th	Portland Bill	" Hum 75%			
	Plymouth	" or r dmo.		Regents Ph	Sun 0.0			
25 th	Portland Bill	Max 45°		Wick	18h Wind NW.			
	Aberdeen	13h Wind NW.		Malin	" Weather ct			
	Edinburgh	" Bar 1000.9 mb		Birmingham	" Wind SE			
	Chester	" Bar change -7 Wind SW		Roches Pt	" Wind force 4.			
	Stornoway	18h Temp 39° Heathcote 18h 40.2		Douglas	co. co. 38. 41. - - 0.0			
	City	Sun 0.0 Stampstead Sun 0.0		Bude	corr tr 38 45 1 8 0.0			
	Westminster	55.37.26. 5mm 0.0 86% 92%	29 th	S. Farnboro'	Weather 13-18h ocm			
	S. Kensington	Pollution 1.3 9h 24% 40.3 3h 25%		Heathcote	13h Hum 65%			
	Greenwich	Pole Star 17h to 7h		Valentia	" 85%			
		Record 4h 46m 35% 4h 19m 31%		Plymouth	" Bar 1008.6 mb 18h 1009.2			
	Pembroke	Th Cloud height 1500'		Guernsey	" Temp 50°			
	Falmouth	" Temp 44°		Heafield	18h Bar change -1			
	Douglas	ogir cbbc 38.50. 1.6. 0.0		Spurn Head	Th Wind SW'S.			
	Wick	Weather 18-1h bcp		Eastbourne	Night rain 24°			
	Blackpool Pt	" 18-1h Phg Birt Castle Sun 1.4		Littlehampton	Day " Trace			
	Cranwell	" 7-13h c Day rain Trace		Heathcote	Weather 1-7h or r ocs.			
	Valentia	Day rain 3		Holyhead	Weather 7-13h d. or.			
	Roches Pt	" 3 Night rain 1		Roches Pt	Rain began 24.00			

II.—ADDITIONS.

Report for	STATION.	Barom. at M.S.L.	Change in 3 Hours.	Wind.		Weather.	Temp. °F.	Humidity. %	Visibility. 1/4	Height of Low Cloud. Feet	Cloud.				SUMMARIES FOR THE PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				Direc.	Force						Low.		Upper Form.	Total Amt.	Sea. 0-9	WEATHER.				TEMPERATURE.			RAINFALL.†			SUN. Hours.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
											Form.	Amt.				7h.-13h.	13h.-18h.	18h.-7h.	1h.-7h.	MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
19 th	Tiree	Th	1028.1	+3	NNW	5	c	50	85	7	1500	StCu	8	-	8	5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

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